

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM S-3

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

MARATHON DIGITAL HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Nevada

(State or other jurisdiction of incorporation or organization)

01-0949984

I.R.S. Employer Identification Number

101 NE Third Avenue, Suite 1200

Fort Lauderdale, FL 33301

702-945-2773

(Address, including zip code, and telephone number, including area code of registrant's principal executive offices)

Copies to:

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Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer", "accelerated filer", "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

The registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until this Registration Statement shall become effective on such date as the Securities and Exchange Commission (the "Commission"), acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

This registration statement contains a base prospectus. The specific terms of the securities offered pursuant to the base prospectus will be specified in a prospectus supplement to be filed subsequent to the filing of this base prospectus. The issuer's unaffiliated market float of its common stock as of October 19, 2023 exceeded \$700 million.

This registration statement contains two prospectuses:

- a base prospectus which covers the offering, issuance and sale by us of up to \$750,000,000 of shares, preferred stock, warrants, and units; and
 - a sales agreement prospectus covering the offering, issuance and sale by us of up to a maximum aggregate offering price of up to \$750,000,000 of our common stock that may be issued and sold from time to time under an At The Market Offering Agreement (the "sales agreement") with H.C. Wainwright & Co., LLC as sales agent.
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PROSPECTUS, DATED OCTOBER 24, 2023

MARATHON DIGITAL HOLDINGS, INC.

**Common Stock
Preferred Stock
Warrants
Units**

We may from time to time, in one or more offerings at prices and on terms that we will determine at the time of each offering, sell common stock, preferred stock, warrants, units or a combination of these securities for an aggregate initial offering price of up to \$750,000,000. This prospectus provides you with a general description of the securities we may offer, which is not meant to be a complete description of each of the securities. Each time we offer and sell securities, we will provide you with a prospectus supplement that will contain specific information about the terms of that offering. Any prospectus supplement may also add, update, or change information contained in this prospectus. You should carefully read this prospectus and the applicable prospectus supplement as well as the documents incorporated or deemed to be incorporated by reference in this prospectus and the applicable prospectus supplement before you purchase any of the securities offered.

This prospectus may not be used to offer and sell securities unless accompanied by a prospectus supplement.

Our common stock is currently traded on the Nasdaq Capital Market under the symbol "MARA." On October 19, 2023, the last reported sales price for our common stock was \$7.71 per share. We will apply to list any shares of common stock sold by us under this prospectus and any prospectus supplement on the Nasdaq Capital Market. The prospectus supplement will contain information, where applicable, as to any other listing of the securities on the Nasdaq Capital Market or any other securities market or exchange covered by the prospectus supplement.

We may offer the securities directly or through agents or to or through underwriters or dealers. If any agents or underwriters are involved in the sale of the securities, their names, and any applicable purchase price, fee, commission or discount arrangement between or among them, will be set forth, or will be calculable from the information set forth, in an accompanying prospectus supplement. We can sell the securities through agents, underwriters or dealers only with delivery of a prospectus supplement describing the method and terms of the offering of such securities. See "Plan of Distribution" section of this prospectus for further information.

The securities offered by this prospectus involve a high degree of risk. See "Risk Factors" beginning on page 7 of this prospectus. We may also include specific risk factors in an applicable prospectus supplement under the heading "Risk Factors." You should carefully review these Risk Factors prior to investing in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is October 24, 2023.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission (the “SEC”) using a “shelf” registration process as a “well-known seasoned issuer” as defined in Rule 405 under the Securities Act. Under this shelf registration process, we may sell common shares, preferred shares (including convertible preferred shares), warrants for equity securities, and units comprised of any combination thereof from time to time in one or more offerings up to an initial aggregate offering price of \$750,000,000. This prospectus provides you with a general description of the securities we may offer, which is not meant to be a complete description of each of the securities.

Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus or in documents incorporated by reference in this prospectus. A prospectus supplement which contains specific information about the terms of the securities being offered may also include a discussion of certain U.S. Federal income tax consequences and any risk factors or other special considerations applicable to the securities offered under this registration statement. To the extent that any statement that we make in a prospectus supplement is inconsistent with statements made in this prospectus or in documents incorporated by reference in this prospectus, you should rely on the information contained in the prospectus supplement. You should carefully read this prospectus and any prospectus supplement together with the additional information described under “Where You Can Find More Information” before buying any securities in this offering.

THIS PROSPECTUS MAY NOT BE USED TO CONSUMMATE A SALE OF SECURITIES UNLESS IT IS ACCOMPANIED BY A PROSPECTUS SUPPLEMENT.

Neither we, nor any agent, underwriter or dealer has authorized any person to give any information or to make any representation other than those contained or incorporated by reference in this prospectus, any applicable prospectus supplement or any related free writing prospectus prepared by us or on our behalf or to which we have referred you. This prospectus, any applicable supplement to this prospectus or any related free writing prospectus do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor do this prospectus, any applicable supplement to this prospectus or any related free writing prospectus constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction.

You should not assume that the information contained in this prospectus, any applicable prospectus supplement or any related free writing prospectus is accurate on any date subsequent to the date set forth on the front of the applicable document. You should also not assume that any information we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus, any applicable prospectus supplement or any related free writing prospectus is delivered, or securities are sold, on a later date.

This prospectus and the information incorporated by reference in this prospectus contain summaries of provisions of certain other documents, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to in this prospectus have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under the heading “Where You Can Find More Information” in this prospectus.

You should only rely on the information contained or incorporated by reference in this prospectus, any prospectus supplement or any related free writing prospectus. We have not authorized anyone to provide you with information different from what is contained or incorporated by reference into this prospectus, applicable prospectus supplement or any related free writing prospectus. If any person does provide you with information that differs from what is contained or incorporated by reference in this prospectus, applicable prospectus supplement or any related free writing prospectus, you should not rely on it. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained in this prospectus, applicable prospectus supplement or any related free writing prospectus. You should assume that the information contained in this prospectus, any prospectus supplement or any related free writing prospectus is accurate only as of the date on the front of the document and that any information contained in any document we have incorporated by reference therein is accurate only as of the date on its face, regardless of the time of delivery of this prospectus, any prospectus supplement, any related free writing prospectus or any sale of a security under this registration statement. These documents are not an offer to sell or a solicitation of an offer to buy these securities in any circumstances under which the offer or solicitation is unlawful.

SUMMARY

This summary highlights selected information from this prospectus and does not contain all of the information that you should consider in making your investment decision. You should carefully read the entire prospectus, the applicable prospectus supplement and any related free writing prospectus, including the risks of investing in our securities discussed under the heading “Risk Factors” contained in the applicable prospectus supplement and any related free writing prospectus, and under similar headings in the documents that are incorporated by reference into this prospectus. You should also carefully read the information incorporated by reference into this prospectus, including our financial statements, and the exhibits to the registration statement of which this prospectus is a component.

The terms “Marathon,” the “Company,” “we,” “our” or “us” in this prospectus refer to Marathon Digital Holdings, Inc. and its wholly-owned subsidiaries, unless the context suggests otherwise.

About Marathon Digital Holdings, Inc.

Marathon is a digital asset technology company that produces or “mines” digital assets with a focus on the blockchain ecosystem and the generation of digital assets. Marathon’s strategy is to produce and hold bitcoin (after paying for cash operating costs of production) as a long term investment. Holding bitcoin is a strategy to act as a store of value, supported by a robust and public open source architecture, that is not linked to any country’s monetary policy and can therefore serve as a store of value outside of government control. We believe that bitcoin offers additional opportunity for appreciation in value with increasing adoption due to its limited supply. We may also explore opportunities to become involved in businesses ancillary to our bitcoin mining business as favorable market conditions and opportunities arise.

We were incorporated in the State of Nevada on February 23, 2010 under the name Verve Ventures, Inc. On December 7, 2011, we changed our name to American Strategic Minerals Corporation and were engaged in exploration and potential development of a uranium and vanadium minerals business. In June 2012, we discontinued our minerals business and began to invest in real estate properties in Southern California. In October 2012, we commenced our IP licensing operations, at which time the Company’s name was changed to Marathon Patent Group, Inc. We purchased digital asset mining machines and established a data center in Canada to mine digital assets in 2017. The Company ceased operating in Canada in 2020 and relocated all owned mining rigs from Canada to the U.S. The Company has since expanded its activities in the mining of bitcoin across the U.S. The Company changed its name to Marathon Digital Holdings, Inc. on March 1, 2021. As of December 31, 2022, the Company is solely focused on the mining of bitcoin and ancillary opportunities within the Bitcoin ecosystem.

In 2022, we moved our corporate headquarters to Fort Lauderdale, FL and maintain an address at 101 NE 3rd Avenue, Suite 1200, Fort Lauderdale, FL 33301. We also maintain a West Coast office at 300 Spectrum Center Drive, Suite 950, Irvine, CA 92618. Our website is www.mara.com. As of June 30, 2023, we had over 40 full-time employees, and we expect this number to continue to grow in support of the increased scale of the business. We believe our employee relations to be good.

Bitcoin is a decentralized digital asset that operates on a peer-to-peer network, allowing users to send and receive payments without the need for intermediaries such as banks. This is made possible through the use of blockchain technology, which is a distributed ledger that records and verifies all transactions on the network.

The Bitcoin blockchain is a public, transparent, and immutable record of all transactions that have ever occurred on the network. This ledger is maintained by a network of computers, known as nodes, that work together to verify and validate new transactions. Each transaction is cryptographically signed and added to the blockchain as a new block, which is then permanently recorded and cannot be altered or deleted.

One of the key advantages of the Bitcoin blockchain is that it allows for trustless, secure transactions without the need for a central authority. Because the blockchain is decentralized and transparent, all users can verify the legitimacy of a transaction without having to rely on a third party. This eliminates the need for intermediaries, which can be slow and expensive, and it also makes the network resistant to censorship and fraud.

Bitcoin’s decentralized and transparent nature makes it secure, efficient, and accessible, and gives it the potential to enable new forms of value exchange and innovation.

In digital asset mining, companies and individuals use computing power to solve cryptographic algorithms to record and publish transactions to blockchain ledgers or provide transaction verification services to the Bitcoin network in exchange for digital asset rewards. The current reward for verifying a block on the Bitcoin blockchain is 6.25 bitcoin. Miners can range from individual enthusiasts to professional mining operations with dedicated data centers. Miners may organize themselves in mining pools. The Company competes or may in the future compete with other companies that focus all or a portion of their activities on owning or operating digital asset exchanges, developing programming for the blockchain, and mining activities. At present, the information concerning the activities of these enterprises is not readily available as the vast majority of the participants in this sector do not publish information publicly or the information may be unreliable.

Several public companies (traded in the U.S. and Internationally), such as the following, may be considered to compete with us:

- Riot Platforms, Inc.
- Cipher Mining Inc.
- Hut 8 Mining Corp.
- Hive Blockchain Technologies Ltd.
- Bitfarms, Ltd.
- Cleanspark, Inc.
- Iris Energy Limited
- Bit Digital, Inc.
- Argo Blockchain plc
- TeraWulf Inc.
- Greenidge Generation Holdings Inc.
- Core Scientific, Inc.

While there is limited available information regarding our non-public competitors, we believe that our recent acquisition and ongoing deployment of miners positions us well among the publicly traded companies involved in the digital asset mining industry. The digital asset mining industry is a highly competitive and evolving industry and new competitors and/or emerging technologies could enter the market and affect our competitiveness in the future.

The term “Bitcoin” with a capital “B” is used to denote the Bitcoin protocol which implements a highly available, public, permanent, and decentralized ledger. The term “bitcoin” with a lower case “b” is used to denote the token, bitcoin.

The Company has continued its focus on expanding its operational capabilities both domestically and internationally.

On January 27, 2023, the Company and Zero Two (formerly, FS Innovation, LLC) (“Zero Two”) entered into a Shareholders’ Agreement (the “Agreement”) regarding the formation of an Abu Dhabi Global Markets company (the “ADGM Entity”), whose purpose shall be to jointly (a) establish and operate one or more mining facilities for digital assets; and (b) mine digital assets (collectively, the “Business”). The initial project by the ADGM Entity consists of two digital asset mining sites comprising 250 MW in Abu Dhabi, and the initial equity ownership in the ADGM Entity is be 80% Zero Two and 20% the Company, and capital contributions are be made, subject to the satisfaction or waiver of certain conditions, during the 2023 development period in those proportions, consisting of both cash and in kind, in amounts of approximately \$406,000 thousand in aggregate. Zero Two has appointed four directors to the board of the ADGM Entity, and the Company has appointed one director.

Unless otherwise not permitted by applicable law, the digital assets mined by the ADGM Entity will be distributed to the Company and Zero Two twice a month in proportion to their respective equity interests in the ADGM Entity. There are market provisions in the Agreement with respect to financial and tax matters.

The Agreement shall terminate at the earlier of the mutual written agreement of the parties, winding up of the ADGM Entity or the ownership by a shareholder of all of the outstanding equity interests in the ADGM Entity. The Agreement contains market terms on transfer of shares by a shareholder, pre-emptive rights and certain tag along and drag along rights upon a sale of the ADGM Entity. Furthermore, there are five year restrictive covenants which, inter alia, prevent Marathon from competing in the UAE with the Business or with the business of Zero Two or any of certain related parties and prevent Zero Two from competing in the U.S. with the business of Marathon.

The Company also made progress in installing and energizing its operations at various locations throughout the US, and in particular its two North Dakota sites. The Garden City, TX site is fully installed but is pending regulatory approval and was therefore not yet operational at June 30, 2023. Bitcoin production increased to 2,926 bitcoin during the three months ended June 30, 2023, an average of 32.2 bitcoin per day. During the three months ended June 30, 2022, the Company produced 1,259 bitcoin, an average of 14.0 bitcoin per day. The 314% increase in production was primarily the result of increasing the scale of the Company’s operations.

Bitcoin prices also rebounded significantly during the 2023 period, increasing from \$16,548 per bitcoin at December 31, 2022 to \$30,467 per bitcoin at June 30, 2023. This increase in the market value of bitcoin resulted in lower levels of impairment recorded during the period, and a higher market value of the Company's bitcoin holdings at June 30, 2023 compared with December 31, 2022.

The Company also commenced a program to sell some of its bitcoin as a means of offsetting monthly cash operating costs. The Company sold 4,754 bitcoin for total proceeds of \$113,928, realizing gains on sales of bitcoin of \$40,120 during the six months ended June 30, 2023. There were no such sales in the prior-year period.

The Company terminated its credit facilities with Silvergate Bank and responded to the closure of Signature Bank by diversifying its cash management services among multiple institutions. Key activities during the period related to these efforts included the following:

- On February 6, 2023, the Company provided Silvergate Bank with the required 30-day notice stating the Company's intent to prepay the outstanding balance on its term loan facility as well as the Company's intent to terminate the term loan facility. The Company and Silvergate Bank subsequently agreed to terminate the RLOC facility. On March 8, 2023, the Company prepaid the term loan and terminated the RLOC facility with Silvergate Bank.
- On March 12, 2023, Signature Bank was closed by the New York State Department of Financial Services. On that same date the FDIC was appointed as receiver and transferred all the deposits and substantially all of the assets of Signature Bank to Signature Bridge Bank, N.A., a full-service bank that was being operated by the FDIC. The Company held approximately \$142,000 of cash deposits at Signature Bridge Bank, N.A. when normal banking activities resumed on March 13, 2023. The Company reduced its balances at Signature Bridge Bank and its successor institution by transferring funds to other financial institutions and through other treasury management activities. The Company no longer has any deposits at Signature Bank or its successor.
- On June 5, 2023, the Company entered into a securities purchase agreement for the purchase of 15,000 shares of Series A redeemable convertible preferred stock. On June 8, 2023, upon closing of the offering, the Company issued 15,000 shares of Series A Preferred Stock for total gross proceeds of \$14,286 before deducting the placement agent's fees and other estimated offering expenses. Each share of Series A Preferred Stock had a purchase price of \$952.38, representing an original issue discount of approximately 5% of the \$1,000 stated value of each share. Each share of Series A Preferred Stock is convertible into shares of the Company's common stock at an initial conversion price of \$14.52 per share, at the option of the holder, at any time following the Company's receipt of stockholder approval for an increase in its authorized shares of common stock. All of the Series A Preferred Stock has been redeemed.

RISK FACTORS

Investing in our securities involves a high degree of risk. Before making an investment decision, you should consider carefully the risks, uncertainties and all risk factors set forth in the applicable prospectus supplement and the documents incorporated by reference in this prospectus, including the risk factors discussed under the heading "Risk Factors" in our most recent Annual Report on Form 10-K for the year ended December 31, 2022 and each subsequent filed quarterly report on Form 10-Q and current reports on Form 8-K, which may be amended, supplemented or superseded from time to time by the other reports we file with the SEC in the future.

In addition to those risk factors incorporated by reference herein, the Company has identified the following uncertainties and risk factors which may affect our business:

We may be classified as an inadvertent investment company.

We are not engaged in the business of investing, reinvesting, or trading in securities, and we do not hold ourselves out as being engaged in those activities. Under the Investment Company Act of 1940, as amended (the "1940 Act"), however, a company may be deemed an investment company under Section 3(a)(1)(C) of the 1940 Act if the value of its investment securities is more than 40% of its total assets (exclusive of government securities and cash items) on a consolidated basis.

We have commenced digital asset mining, the outputs of which are digital assets, which may be deemed a security in the future, although the SEC states that bitcoin, which is the only digital asset we currently mine, is not a security (https://www.sec.gov/oiea/investor-alerts-and-bulletins/ib_fundstrading). In the event that the digital assets other than bitcoin held by us exceed 40% of our total assets, exclusive of cash, we inadvertently become an investment company. An inadvertent investment company can avoid being classified as an investment company if it can rely on one of the exclusions under the 1940 Act. One such exclusion, Rule 3a-2 under the 1940 Act, allows an inadvertent investment company a grace period of one year from the earlier of (a) the date on which an issuer owns securities and/or cash having a value exceeding 50% of the issuer's total assets on either a consolidated or unconsolidated basis and (b) the date on which an issuer owns or proposes to acquire investment securities having a value exceeding 40% of the value of such issuer's total assets (exclusive of government securities and cash items) on an unconsolidated basis. We are putting in place policies that we expect will work to keep the investment securities held by us at less than 40% of our total assets, which may include acquiring assets with our cash, liquidating our investment securities or seeking a no-action letter from the SEC if we are unable to acquire sufficient assets or liquidate sufficient investment securities in a timely manner.

As Rule 3a-2 is available to a company no more than once every three years, and assuming no other exclusion were available to us, we would have to keep within the 40% limit for at least three years after we cease being an inadvertent investment company. This may limit our ability to make certain investments or enter into joint ventures that could otherwise have a positive impact on our earnings. In any event, we do not intend to become an investment company engaged in the business of investing and trading securities.

Classification as an investment company under the 1940 Act requires registration with the SEC. If an investment company fails to register, it would have to stop doing almost all business, and its contracts would become voidable. Registration is time consuming and restrictive and would require a restructuring of our operations, and we would be very constrained in the kind of business we could do as a registered investment company. Further, we would become subject to substantial regulation concerning management, operations, transactions with affiliated persons and portfolio composition, and would need to file reports under the 1940 Act regime. The cost of such compliance would result in the Company incurring substantial additional expenses, and the failure to register if required would have a materially adverse impact to conduct our operations. If we determine to mine digital assets other than bitcoin in the future, we will establish and disclose the process and framework we use to determine if such digital assets are securities under Section 2(a)(1) of the Securities Act and will address any specific risks in our policy and framework in making such a determination. This description would also include any policy/framework limitations and state these are risk-based judgments by us and not a legal standard or determination binding on any regulator.

Failure to effectively manage our growth could place strains on our managerial, operational and financial resources and could adversely affect our business and operating results.

Our growth has placed, and is expected to continue to place, a strain on our limited managerial, operational and financial resources and systems. Further, as our subsidiary companies' businesses grow, we will be required to continue to manage multiple relationships. Any further growth by us or our subsidiary companies, or an increase in the number of our strategic relationships, may place additional strain on our managerial, operational and financial resources and systems. Although we may not grow as we expect, if we fail to manage our growth effectively or to develop and expand our managerial, operational and financial resources and systems, our business and financial results would be materially harmed.

The further development and acceptance of digital asset networks and other digital assets, which represent a new and rapidly changing industry, are subject to a variety of factors that are difficult to evaluate. The slowing or stopping of the development or acceptance of digital asset systems may adversely affect an investment in us.

Digital assets such as bitcoins, that may be used, among other things, to buy and sell goods and services are a new and rapidly evolving industry of which the digital asset networks are prominent, but not unique, parts. The growth of the digital asset industry in general, and the digital asset networks of bitcoin in particular, are subject to a high degree of uncertainty. The factors affecting the further development of the digital asset industry, as well as the digital asset networks, include:

- Continued worldwide growth in the adoption and use of bitcoins and other digital assets;

- Government and quasi-government regulation of bitcoins and other digital assets and their use, or restrictions on or regulation of access to and operation of the digital asset network or similar digital assets systems;
- The maintenance and development of the open-source software protocol of the Bitcoin network;
- Changes in consumer demographics and public tastes and preferences;
- The availability and popularity of other forms or methods of buying and selling goods and services, including new means of using fiat currencies;
- General economic conditions and the regulatory environment relating to digital assets;
- The impact of regulators focusing on digital assets and digital securities and the costs associated with such regulatory oversight; and
- A decline in the popularity or acceptance of the digital asset networks of bitcoin, or similar digital asset systems, could adversely affect an investment in us.

Significant contributors to all or any digital asset network could propose amendments to the respective network’s protocols and software that, if accepted and authorized by such network, could adversely affect an investment in us.

For example, with respect to Bitcoins network, a small group of individuals contribute to the Bitcoin Core project on GitHub.com. These individuals can propose refinements or improvements to the Bitcoin network’s source code through one or more software upgrades that alter the protocols and software that govern the Bitcoin network and the properties of Bitcoin, including the irreversibility of transactions and limitations on the mining of new bitcoin. Proposals for upgrades and discussions relating thereto take place on online forums. For example, there is an ongoing debate regarding altering the blockchain by increasing the size of blocks to accommodate a larger volume of transactions. Although some proponents support an increase, other market participants oppose an increase to the block size as it may deter miners from confirming transactions and concentrate power into a smaller group of miners. To the extent that a significant majority of the users and miners on the Bitcoin network install such software upgrade(s), the Bitcoin network would be subject to new protocols and software that may adversely affect an investment in the Shares. In the event a developer or group of developers proposes a modification to the Bitcoin network that is not accepted by a majority of miners and users, but that is nonetheless accepted by a substantial plurality of miners and users, two or more competing and incompatible blockchain implementations could result. This is known as a “hard fork.” In such a case, the “hard fork” in the blockchain could materially and adversely affect the perceived value of digital assets as reflected on one or both incompatible blockchains, which may adversely affect an investment in us.

The open-source structure of the Bitcoin network protocol means that the contributors to the protocol are generally not directly compensated for their contributions in maintaining and developing the protocol. A failure to properly monitor and upgrade the protocol could damage the Bitcoin network and an investment in us.

The Bitcoin network for example operates based on an open-source protocol maintained by contributors, largely on the Bitcoin Core project on GitHub. As an open source project, Bitcoin is not represented by an official organization or authority. As the Bitcoin network protocol is not sold and its use does not generate revenues for contributors, contributors are generally not compensated for maintaining and updating the Bitcoin network protocol. The lack of guaranteed financial incentive for contributors to maintain or develop the Bitcoin network and the lack of guaranteed resources to adequately address emerging issues with the Bitcoin network may reduce incentives to address the issues adequately or in a timely manner. Changes to a digital asset network which we are mining on may adversely affect an investment in us.

If a malicious actor or botnet obtains control in excess of 50% of the processing power active on any digital asset network, including the Bitcoin network, it is possible that such actor or botnet could manipulate the blockchain in a manner that adversely affects an investment in us.

If a malicious actor or botnet (a volunteer or hacked collection of computers controlled by networked software coordinating the actions of the computers) obtains a majority of the processing power dedicated to mining on any digital asset network, including the Bitcoin network, it may be able to alter the blockchain by constructing alternate blocks if it is able to solve for such blocks faster than the remainder of the miners on the blockchain can add valid blocks. In such alternate blocks, the malicious actor or botnet could control, exclude or modify the ordering of transactions, though it could not generate new digital assets or transactions using such control. Using alternate blocks, the malicious actor could “double-spend” its own digital assets (i.e., spend the same digital assets in more than one transaction) and prevent the confirmation of other users’ transactions for so long as it maintains control. To the extent that such malicious actor or botnet does not yield its majority control of the processing power or the digital asset community does not reject the fraudulent blocks as malicious, reversing any changes made to the blockchain may not be possible. Such changes could adversely affect an investment in us.

The approach towards and possible crossing of the 50% threshold indicate a greater risk that a single mining pool could exert authority over the validation of digital asset transactions. To the extent that the digital assets ecosystems do not act to ensure greater decentralization of digital asset mining processing power, the feasibility of a malicious actor obtaining in excess of 50% of the processing power on any digital asset network (e.g., through control of a large mining pool or through hacking such a mining pool) will increase, which may adversely impact an investment in us.

If the award of digital assets for solving blocks and transaction fees for recording transactions are not sufficiently high to incentivize miners, miners may cease expending hashrate to solve blocks and confirmations of transactions on the blockchain could be slowed temporarily. A reduction in the hashrate expended by miners on any digital asset network could increase the likelihood of a malicious actor obtaining control in excess of fifty percent (50%) of the aggregate hashrate active on such network or the blockchain, potentially permitting such actor to manipulate the blockchain in a manner that adversely affects an investment in us.

Bitcoin miners record transactions when they solve for and add blocks of information to the blockchain. When a miner solves for a block, it creates that block, which includes data relating to (i) the solution to the block, (ii) a reference to the prior block in the blockchain to which the new block is being added and (iii) all transactions that have occurred but have not yet been added to the blockchain. The miner becomes aware of outstanding, unrecorded transactions through the data packet transmission and propagation discussed above. Typically, bitcoin transactions will be recorded in the next chronological block if the spending party has an internet connection and at least one minute has passed between the transaction’s data packet transmission and the solution of the next block. If a transaction is not recorded in the next chronological block, it is usually recorded in the next block thereafter.

As the award of new digital assets for solving blocks declines, and if transaction fees are not sufficiently high, miners may not have an adequate incentive to continue mining and may cease their mining operations. For example, the current fixed reward on the Bitcoin network for solving a new block is six and one quarter (6.25) bitcoins per block; the reward decreased from twelve and one half (12.5) bitcoin in May 2020. It is estimated that it will halve again in March 2024, and then again in about four (4) years, and approximately every four (4) years thereafter until the last bitcoin has been mined, which is estimated to be in or around 2140. This reduction may result in a reduction in the aggregate hashrate of the Bitcoin network as the incentive for miners will decrease. Moreover, miners ceasing operations would reduce the aggregate hashrate on the Bitcoin network, which would adversely affect the confirmation process for transactions (i.e., temporarily decreasing the speed at which blocks are added to the blockchain until the next scheduled adjustment in difficulty for block solutions) and make the Bitcoin network more vulnerable to a malicious actor obtaining control in excess of fifty percent (50%) of the aggregate hashrate on the Bitcoin network. Periodically, the Bitcoin network has adjusted the difficulty for block solutions so that solution speeds remain in the vicinity of the expected ten (10) minute confirmation time targeted by the Bitcoin network protocol.

Marathon believes that from time to time there will be further considerations and adjustments to the Bitcoin network, and others regarding the difficulty for block solutions. More significant reductions in aggregate hashrate on digital asset networks could result in material, though temporary, delays in block solution confirmation time. Any reduction in confidence in the confirmation process or aggregate hashrate of any digital asset network may negatively impact the value of digital assets, which will adversely impact an investment in us.

To the extent that the profit margins of digital asset mining operations are not high, operators of digital asset mining operations are more likely to immediately sell their digital assets earned by mining in the digital asset exchange market, resulting in a reduction in the price of digital assets that could adversely impact an investment in us.

Over the past two years, digital asset mining operations have evolved from individual users mining with computer processors, graphics processing units and first-generation mining rigs. Currently, new processing power brought onto the digital asset networks is predominantly added by incorporated and unincorporated “professionalized” mining operations. Professionalized mining operations may use proprietary hardware or sophisticated machines. They require the investment of significant capital for the acquisition of this hardware, the leasing of operating space (often in data centers or warehousing facilities), incurring of electricity costs and the employment of technicians to operate the mining farms. As a result, professionalized mining operations are of a greater scale than prior miners and have more defined, regular expenses and liabilities. These regular expenses and liabilities require professionalized mining operations to more immediately sell digital assets earned from mining operations on the digital asset exchange market, whereas it is believed that individual miners in past years were more likely to hold newly mined digital assets for more extended periods. The immediate selling of newly mined digital assets greatly increases the supply of digital assets on the digital asset exchange market, creating downward pressure on the price of each digital asset.

The extent to which the value of digital assets mined by a professionalized mining operation exceeds the allocable capital and operating costs determines the profit margin of such operation. A professionalized mining operation may be more likely to sell a higher percentage of its newly mined digital assets rapidly if it is operating at a low profit margin—and it may partially or completely cease operations if its profit margin is negative. In a low profit margin environment, a higher percentage could be sold into the digital asset exchange market more rapidly, thereby potentially reducing digital asset prices. Lower digital asset prices could result in further tightening of profit margins, particularly for professionalized mining operations with higher costs and more limited capital reserves, creating a network effect that may further reduce the price of digital assets until mining operations with higher operating costs become unprofitable and remove mining power from the respective digital asset network. The network effect of reduced profit margins resulting in greater sales of newly mined digital assets could result in a reduction in the price of digital assets that could adversely impact an investment in us.

To the extent that any miners cease to record transactions in solved blocks, transactions that do not include the payment of a transaction fee will not be recorded on the blockchain until a block is solved by a miner who does not require the payment of transaction fees. Any widespread delays in the recording of transactions could result in a loss of confidence in that digital asset network, which could adversely impact an investment in us.

To the extent that any miners cease to record transaction in solved blocks, such transactions will not be recorded on the blockchain. Currently, there are no known incentives for miners to elect to exclude the recording of transactions in solved blocks; however, to the extent that any such incentives arise (e.g., a collective movement among miners or one or more mining pools forcing bitcoin users to pay transaction fees as a substitute for or in addition to the award of new bitcoins upon the solving of a block), actions of miners solving a significant number of blocks could delay the recording and confirmation of transactions on the blockchain. Any systemic delays in the recording and confirmation of transactions on the blockchain could result in greater exposure to double-spending transactions and a loss of confidence in certain or all digital asset networks, which could adversely impact an investment in us.

The acceptance of digital asset network software patches or upgrades by a significant, but not overwhelming, percentage of the users and miners in any digital asset network could result in a “fork” in the respective blockchain, resulting in the operation of two separate networks until such time as the forked blockchains are merged. The temporary or permanent existence of forked blockchains could adversely impact an investment in us.

Digital asset networks are open source projects and, although there is an influential group of leaders in, for example, the Bitcoin network community known as the “Core Developers,” there is no official developer or group of developers that formally controls the Bitcoin network. Any individual can download the Bitcoin network software and make any desired modifications, which are proposed to users and miners on the Bitcoin network through software downloads and upgrades, typically posted to the Bitcoin development forum on GitHub.com. A substantial majority of miners and Bitcoin users must consent to those software modifications by downloading the altered software or upgrade that implements the changes; otherwise, the changes do not become a part of the Bitcoin network. Since the Bitcoin network’s inception, changes to the Bitcoin network have been accepted by the vast majority of users and miners, ensuring that the Bitcoin network remains a coherent economic system; however, a developer or group of developers could potentially propose a modification to the Bitcoin network that is not accepted by a vast majority of miners and users, but that is nonetheless accepted by a substantial population of participants in the Bitcoin network. In such a case, and if the modification is material and/or not backwards compatible with the prior version of Bitcoin network software, a fork in the blockchain could develop and two separate Bitcoin networks could result, one running the pre-modification software program and the other running the modified version (i.e., a second “Bitcoin” network). Such a fork in the blockchain typically would be addressed by community-led efforts to merge the forked blockchains, and several prior forks have been so merged. This kind of split in the Bitcoin network could materially and adversely impact an investment in us and, in the worst-case scenario, harm the sustainability of the Bitcoin network’s economy.

Intellectual property rights claims may adversely affect the operation of some or all digital asset networks.

Third parties may assert intellectual property claims relating to the holding and transfer of digital assets and their source code. Regardless of the merit of any intellectual property or other legal action, any threatened action that reduces confidence in some or all digital asset networks' long-term viability or the ability of end-users to hold and transfer digital assets may adversely affect an investment in us. Additionally, a meritorious intellectual property claim could prevent us and other end-users from accessing some or all digital asset networks or holding or transferring their digital assets. As a result, an intellectual property claim against us or other large digital asset network participants could adversely affect an investment in us.

Political or economic crises may motivate large-scale sales of digital assets, which could result in a reduction in some or all digital assets' values and adversely affect an investment in us.

As an alternative to fiat currencies that are backed by central governments, digital assets such as bitcoins, which are relatively new, are subject to supply and demand forces based upon the desirability of an alternative, decentralized means of buying and selling goods and services, and it is unclear how such supply and demand will be impacted by geopolitical events. Nevertheless, political or economic crises may motivate large-scale acquisitions or sales of digital assets either globally or locally. Large-scale sales of digital assets would result in a reduction in their value and could adversely affect an investment in us.

Our ability to adopt technology in response to changing security needs or trends and reliance on third party, NYDIG, for custody poses a challenge to the safekeeping of our digital assets.

The history of digital asset exchanges has shown that exchanges and large holders of digital assets must adapt to technological change in order to secure and safeguard their digital assets. We rely on NYDIG's 100% cold storage custody solution held in a purpose-built physically-secure environment based on established, industry best practices to safeguard our digital assets from theft, loss, destruction or other issues relating to hackers and technological attack. We believe that it may become a more appealing target of security threats as the size of our bitcoin holdings grow. To the extent that either NYDIG or we are unable to identify and mitigate or stop new security threats, our digital assets may be subject to theft, loss, destruction or other attack, which could adversely affect an investment in us. To the extent that NYDIG is no longer, due to the current banking crisis, able to safeguard our assets, we would be at risk of loss if safeguarding protocols fail.

Security threats to us could result in, a loss of our digital assets, or damage to the reputation and our brand, each of which could adversely affect an investment in us.

Security breaches, computer malware and computer hacking attacks have been a prevalent concern in the digital asset exchange markets, for example since the launch of the Bitcoin network. Any security breach caused by hacking, which involves efforts to gain unauthorized access to information or systems, or to cause intentional malfunctions or loss or corruption of data, software, hardware or other computer equipment, and the inadvertent transmission of computer viruses, could harm our business operations or result in loss of our digital assets. Any breach of our infrastructure could result in damage to our reputation which could adversely affect an investment in us. Furthermore, we believe that, as our assets grow, it may become a more appealing target for security threats such as hackers and malware.

We rely on NYDIG's 100% cold storage custody solution held in a purpose-built physically-secure environment based on established, industry best practices to safeguard our digital assets from theft, loss, destruction or other issues relating to hackers and technological attack. Nevertheless, NYDIG's security system may not be impenetrable and may not be free from defect or immune to acts of God, and any loss due to a security breach, software defect or act of God will be borne by the Company.

The security system and operational infrastructure may be breached due to the actions of outside parties, error or malfeasance of an employee of ours, or otherwise, and, as a result, an unauthorized party may obtain access to our, private keys, data or bitcoins. Additionally, outside parties may attempt to fraudulently induce employees of ours to disclose sensitive information in order to gain access to our infrastructure. As the techniques used to obtain unauthorized access, disable or degrade service, or sabotage systems change frequently, or may be designed to remain dormant until a predetermined event and often are not recognized until launched against a target, we may be unable to anticipate these techniques or implement adequate preventative measures. If an actual or perceived breach of our security system occurs, the market perception of the effectiveness of our security system could be harmed, which could adversely affect an investment in us.

In the event of a security breach, we may be forced to cease operations, or suffer a reduction in assets, the occurrence of each of which could adversely affect an investment in us.

A loss of confidence in our security system, or a breach of our security system, may adversely affect us and the value of an investment in us.

We will take measures to protect us and our digital assets from unauthorized access, damage or theft; however, it is possible that the security system may not prevent the improper access to, or damage or theft of our digital assets. A security breach could harm our reputation or result in the loss of some or all of our digital assets. A resulting perception that our measures do not adequately protect our digital assets could result in a loss of current or potential shareholders, reducing demand for our Common Stock and causing our shares to decrease in value.

Digital asset transactions are irrevocable and stolen or incorrectly transferred digital assets may be irretrievable. As a result, any incorrectly executed digital asset transactions could adversely affect an investment in us.

Digital asset transactions are not, from an administrative perspective, reversible without the consent and active participation of the recipient of the transaction or, in theory, control or consent of a majority of the processing power on the respective digital asset network. Once a transaction has been verified and recorded in a block that is added to the blockchain, an incorrect transfer of digital assets or a theft of digital assets generally will not be reversible, and we may not be capable of seeking compensation for any such transfer or theft. Although our transfers of digital assets will regularly be made to or from vendors, consultants, services providers, etc. it is possible that, through computer or human error, or through theft or criminal action, our digital assets could be transferred from us in incorrect amounts or to unauthorized third parties. To the extent that we are unable to seek a corrective transaction with such third party or are incapable of identifying the third party which has received our digital assets through error or theft, we will be unable to revert or otherwise recover incorrectly transferred Company digital assets. To the extent that we are unable to seek redress for such error or theft, such loss could adversely affect an investment in us.

The limited rights of legal recourse against us, and our lack of insurance protection expose us and our shareholders to the risk of loss of our digital assets for which no person is liable.

The digital assets held by us are not insured. Therefore, a loss may be suffered with respect to our digital assets which is not covered by insurance and for which no person is liable in damages which could adversely affect our operations and, consequently, an investment in us.

We may not have adequate sources of recovery if our digital assets are lost, stolen or destroyed.

If our digital assets are lost, stolen or destroyed under circumstances rendering a party liable to us, the responsible party may not have the financial resources sufficient to satisfy our claim. For example, as to a particular event of loss, the only source of recovery for us might be limited to the extent identifiable, other responsible third parties (e.g., a thief or terrorist), any of which may not have the financial resources (including liability insurance coverage) to satisfy a valid claim of ours. Furthermore, bitcoin is not subject to FDIC or SIPC protection so the protection afforded to depositors at banking institutions.

The sale of our digital assets to pay expenses at a time of low digital asset prices could adversely affect an investment in us.

We may sell our digital assets to pay expenses on an as-needed basis, irrespective of then-current prices. Consequently, our digital assets may be sold at a time when the prices on the respective digital asset exchange market are low, which could adversely affect an investment in us.

Regulatory changes or actions may restrict the use of bitcoins or the operation of the Bitcoin network in a manner that adversely affects an investment in us.

Until recently, little or no regulatory attention has been directed toward bitcoin and the Bitcoin network by U.S. federal and state governments, foreign governments and self-regulatory agencies. As bitcoin has grown in popularity and in market size, the Federal Reserve Board, U.S. Congress and certain U.S. agencies (e.g., the CFTC, the Commission, FinCEN and the Federal Bureau of Investigation) have begun to examine the operations of the Bitcoin network, bitcoin users and the bitcoin exchange market.

Digital assets currently face an uncertain regulatory landscape in not only the United States but also in many foreign jurisdictions such as the European Union, China and Russia. While certain governments such as Germany, where the Ministry of Finance has declared bitcoin to be “*Rechnungseinheiten*” (a form of private money that is recognized as a unit of account, but not recognized in the same manner as fiat currency), have issued guidance as to how to treat bitcoin, most regulatory bodies have not yet issued official statements regarding intention to regulate or determinations on regulation of bitcoin, the Bitcoin network and bitcoin users.

The effect of any future regulatory change on us, bitcoins, or other digital assets is impossible to predict, but such change could be substantial and adverse to us and could adversely affect an investment in us.

It may be illegal now, or in the future, to acquire, own, hold, sell or use digital assets in one or more countries, and ownership of, holding or trading in our securities may also be considered illegal and subject to sanction.

Although currently digital assets are not regulated or are lightly regulated in most countries, including the United States, one or more countries such as China and Russia may take regulatory actions in the future that severely restricts the right to acquire, own, hold, sell or use digital assets or to exchange digital assets for fiat currency. Such an action may also result in the restriction of ownership, holding or trading in our securities. Such restrictions may adversely affect an investment in us.

If regulatory changes or interpretations of our activities require our registration as a money services business (“MSB”) under the regulations promulgated by FinCEN under the authority of the U.S. Bank Secrecy Act, we may be required to register and comply with such regulations. If regulatory changes or interpretations of our activities require the licensing or other registration of us as a money transmitter (or equivalent designation) under state law in any state in which we operate, we may be required to seek licensure or otherwise register and comply with such state law. In the event of any such requirement, to the extent Marathon decides to continue, the required registrations, licensure and regulatory compliance steps may result in extraordinary, non-recurring expenses to us. We may also decide to cease Marathon’s operations. Any termination of certain Company operations in response to the changed regulatory circumstances may be at a time that is disadvantageous to investors.

To the extent that the activities of Marathon cause it to be deemed an MSB under the regulations promulgated by FinCEN under the authority of the U.S. Bank Secrecy Act, Marathon may be required to comply with FinCEN regulations, including those that would mandate Marathon to implement anti-money laundering programs, make certain reports to FinCEN and maintain certain records.

To the extent that the activities of Marathon cause it to be deemed a “money transmitter” (“MT”) or equivalent designation, under state law in any state in which Marathon operates, Marathon may be required to seek a license or otherwise register with a state regulator and comply with state regulations that may include the implementation of anti-money laundering programs, maintenance of certain records and other operational requirements. Currently, the NYSDFS has finalized its “BitLicense” framework for businesses that conduct “virtual currency business activity,” the Conference of State Bank Supervisors has proposed a model form of state level “virtual currency” regulation and additional state regulators including those from California, Idaho, Virginia, Kansas, Texas, South Dakota and Washington have made public statements indicating that virtual currency businesses may be required to seek licenses as money transmitters. In July 2016, North Carolina updated the law to define “virtual currency” and the activities that trigger licensure in a business-friendly approach that encourages companies to use virtual currency and blockchain technology. Specifically, the North Carolina law does not require miners or software providers to obtain a license for multi-signature software, smart contract platforms, smart property, colored coins and non-hosted, non-custodial wallets. Starting January 1, 2016, New Hampshire requires anyone who exchanges a digital asset for another currency must become a licensed and bonded money transmitter. In numerous other states, including Connecticut and New Jersey, legislation is being proposed or has been introduced regarding the treatment of bitcoin and other digital assets. Marathon will continue to monitor for developments in such legislation, guidance or regulations.

Such additional federal or state regulatory obligations may cause Marathon to incur extraordinary expenses, possibly affecting an investment in the Shares in a material and adverse manner. Furthermore, Marathon and its service providers may not be capable of complying with certain federal or state regulatory obligations applicable to MSBs and MTs. If Marathon is deemed to be subject to and determines not to comply with such additional regulatory and registration requirements, we may act to dissolve and liquidate Marathon. Any such action may adversely affect an investment in us.

Current interpretations require the regulation of bitcoins under the CEA by the CFTC, we may be required to register and comply with such regulations. To the extent that we decide to continue operations, the required registrations and regulatory compliance steps may result in extraordinary, non-recurring expenses to us. We may also decide to cease certain operations. Any disruption of our operations in response to the changed regulatory circumstances may be at a time that is disadvantageous to investors.

Current and future legislation, CFTC and other regulatory developments, including interpretations released by a regulatory authority, may impact the manner in which bitcoins are treated for classification and clearing purposes. In particular, bitcoin derivatives are not excluded from the definition of “commodity future” by the CFTC. We cannot be certain as to how future regulatory developments will impact the treatment of bitcoins under the law.

Bitcoins have been deemed to fall within the definition of a commodity and, we may be required to register and comply with additional regulation under the CEA, including additional periodic report and disclosure standards and requirements. Moreover, we may be required to register as a commodity pool operator and to register us as a commodity pool with the CFTC through the National Futures Association. Such additional registrations may result in extraordinary, non-recurring expenses, thereby materially and adversely impacting an investment in us. If we determine not to comply with such additional regulatory and registration requirements, we may seek to cease certain of our operations. Any such action may adversely affect an investment in us. No CFTC orders or rulings are applicable to our business.

If regulatory changes or interpretations require the regulation of bitcoins under the Securities Act and Investment Company Act by the Commission, we may be required to register and comply with such regulations. To the extent that we decide to continue operations, the required registrations and regulatory compliance steps may result in extraordinary, non-recurring expenses to us. We may also decide to cease certain operations. Any disruption of our operations in response to the changed regulatory circumstances may be at a time that is disadvantageous to investors. This would likely have a material adverse effect on us and investors may lose their investment.

Current and future legislation and the Commission rulemaking and other regulatory developments, including interpretations released by a regulatory authority, may impact the manner in which bitcoins are treated for classification and clearing purposes. The Commission’s July 25, 2017 Report expressed its view that digital assets may be securities depending on the facts and circumstances. As of the date of this prospectus, we are not aware of any rules that have been proposed to regulate bitcoins as securities. We cannot be certain as to how future regulatory developments will impact the treatment of bitcoins under the law. Such additional registrations may result in extraordinary, non-recurring expenses, thereby materially and adversely impacting an investment in us. If we determine not to comply with such additional regulatory and registration requirements, we may seek to cease certain of our operations. Any such action may adversely affect an investment in us.

To the extent that digital assets including bitcoins and other digital assets we may own are deemed by the Commission to fall within the definition of a security, we may be required to register and comply with additional regulation under the 1940 Act, including additional periodic reporting and disclosure standards and requirements and the registration of our Company as an investment company. Additionally, one or more states may conclude bitcoins and other digital assets we may own are a security under state securities laws which would require registration under state laws including merit review laws which would adversely impact us since we would likely not comply. As stated earlier in this prospectus, some states including California define the term “investment contract” more strictly than the Commission. Such additional registrations may result in extraordinary, non-recurring expenses of our Company, thereby materially and adversely impacting an investment in our Company. If we determine not to comply with such additional regulatory and registration requirements, we may seek to cease all or certain parts of our operations. Any such action would likely adversely affect an investment in us and investors may suffer a complete loss of their investment.

If federal or state legislatures or agencies initiate or release tax determinations that change the classification of bitcoins as property for tax purposes (in the context of when such bitcoins are held as an investment), such determination could have a negative tax consequence on our Company or our shareholders.

Current IRS guidance indicates that digital assets such as bitcoin should be treated and taxed as property, and that transactions involving the payment of bitcoin for goods and services should be treated as barter transactions. While this treatment creates a potential tax reporting requirement for any circumstance where the ownership of a bitcoin passes from one person to another, usually by means of bitcoin transactions (including off-blockchain transactions), it preserves the right to apply capital gains treatment to those transactions which may adversely affect an investment in our Company.

The loss or destruction of a private key required to access a digital asset may be irreversible. Our loss of access to our private keys or our experience of a data loss relating to our Company’s digital assets could adversely affect an investment in our Company.

Digital assets are controllable only by the possessor of both the unique public key and private key relating to the local or online digital wallet in which the digital assets are held. We are required by the operation of digital asset networks to publish the public key relating to a digital wallet in use by us when it first verifies a spending transaction from that digital wallet and disseminates such information into the respective network. We safeguard and keep private the private keys relating to our digital assets by relying on NYDIG’s 100% cold storage custody solution held in a purpose-built physically-secure environment based on established, industry best practices to safeguard our digital assets from theft, loss, destruction or other issues relating to hackers and technological attack; to the extent a private key is lost, destroyed or otherwise compromised and no backup of the private key is accessible, we will be unable to access the digital assets held by it and the private key will not be capable of being restored by the respective digital asset network. Any loss of private keys relating to digital wallets used to store our digital assets could adversely affect an investment in us.

If the award of digital assets for solving blocks and transaction fees for recording transactions are not sufficiently high to cover expenses related to running data center operations, it may have adverse effects on an investment in us.

If the award of new digital assets for solving blocks declines and transaction fees are not sufficiently high, we may not have an adequate incentive to continue our mining operations, which may adversely impact an investment in us.

As the number of digital assets awarded for solving a block in the blockchain decreases, the incentive for miners to continue to contribute processing power to the respective digital asset network will transition from a set reward to transaction fees. Either the requirement from miners of higher transaction fees in exchange for recording transactions in the blockchain or a software upgrade that automatically charges fees for all transactions may decrease demand for digital assets and prevent the expansion of the digital asset networks to retail merchants and commercial businesses, resulting in a reduction in the price of digital assets that could adversely impact an investment in us.

In order to incentivize miners to continue to contribute processing power to any digital asset network, such network may either formally or informally transition from a set reward to transaction fees earned upon solving for a block. This transition could be accomplished either by miners independently electing to record in the blocks they solve only those transactions that include payment of a transaction fee or by the digital asset network adopting software upgrades that require the payment of a minimum transaction fee for all transactions. If transaction fees paid for digital asset transactions become too high, the marketplace may be reluctant to accept digital assets as a means of payment and existing users may be motivated to switch from one digital asset to another digital asset or back to fiat currency. Decreased use and demand for bitcoins that we have accumulated may adversely affect their value and may adversely impact an investment in us.

Fluctuations in the price of bitcoin may significantly influence the market price of our bitcoin holdings and therefore the price of our common stock

To the extent investors view the value of our common stock as linked to the value or change in the value of our bitcoin, fluctuations in the price of bitcoin may significantly influence the market price of our common stock.

Our bitcoin holdings could subject us to regulatory scrutiny

As noted above, several bitcoin investment vehicles have attempted to list their shares on a U.S. national securities exchange to permit them to function in the manner of an ETF with continuous share creation and redemption at NAV. To date the SEC has declined to approve any such listing, citing concerns over the surveillance of trading in markets for the underlying bitcoin as well as concerns about fraud and manipulation in bitcoin trading markets. Even though we do not function in the manner of an ETF and do not offer continuous share creation and redemption at NAV, it is possible that we nevertheless could face regulatory scrutiny from the SEC, as a company with securities traded on The Nasdaq Capital Market.

In addition, as digital assets, including bitcoin, have grown in popularity and market size, there has been increasing focus on the extent to which digital assets can be used to launder the proceeds of illegal activities or fund criminal or terrorist activities, or entities subject to sanctions regimes. While we have implemented and maintain policies and procedures reasonably designed to promote compliance with applicable anti-money laundering and sanctions laws and regulations and take care to only acquire our bitcoin through entities subject to anti money laundering regulation and related compliance rules in the United States, if we are found to have purchased any of our bitcoin from bad actors that have used bitcoin to launder money or persons subject to sanctions, we may be subject to regulatory proceedings and further transactions or dealings in bitcoin may be restricted or prohibited.

Due to the unregulated nature and lack of transparency surrounding the operations of many bitcoin trading venues, they may experience fraud, security failures or operational problems, which may adversely affect the value of our bitcoin

Bitcoin trading venues are relatively new and, in some cases, unregulated. Furthermore, there are many bitcoin trading venues which do not provide the public with significant information regarding their ownership structure, management teams, corporate practices and regulatory compliance. As a result, the marketplace may lose confidence in bitcoin trading venues, including prominent exchanges that handle a significant volume of bitcoin trading.

Negative perception, a lack of stability in the broader bitcoin markets and the closure or temporary shutdown of bitcoin trading venues due to fraud, business failure, hackers or malware, or government-mandated regulation may reduce confidence in bitcoin and result in greater volatility in the prices of bitcoin. To the extent investors view our common stock as linked to the value of our bitcoin holdings, these potential consequences of a bitcoin trading venue's failure could have a material adverse effect on the market value of our common stock.

The price of bitcoin may be influenced by regulatory, commercial, and technical factors that are highly uncertain

Bitcoin and other digital assets are relatively novel and are subject to various risks and uncertainties that may adversely impact their price. For example, the application of securities laws and other regulations to such assets is unclear in certain respects, and it is possible that regulators in the United States or foreign countries may create new regulations or interpret laws in a manner that adversely affects the price of bitcoin. The growth of the digital assets industry in general, and the use and acceptance of bitcoin in particular, may also impact the price of bitcoin and is subject to a high degree of uncertainty. The pace of worldwide growth in the adoption and use of bitcoin may depend, for instance, on public familiarity with digital assets, ease of buying and accessing bitcoin, institutional demand for bitcoin as an investment asset, consumer demand for bitcoin as a means of payment, and the availability and popularity of alternatives to bitcoin. Even if growth in bitcoin adoption occurs in the near or medium-term, there is no assurance that bitcoin usage will continue to grow over the long-term. Because bitcoin has no physical existence beyond the record of transactions on the Bitcoin blockchain, a variety of technical factors related to the Bitcoin blockchain could also impact the price of bitcoin. For example, malicious attacks by “miners” who validate bitcoin transactions, inadequate mining fees to incentivize validating of bitcoin transactions, hard “forks” of the Bitcoin blockchain into multiple blockchains, and advances in quantum computing could undercut the integrity of the Bitcoin blockchain and negatively affect the price of bitcoin. The liquidity of bitcoin may also be reduced and damage to the public perception of bitcoin may occur, if financial institutions were to deny banking services to businesses that hold bitcoin, provide bitcoin-related services or accept bitcoin as payment, which could also decrease the price of bitcoin.

We are subject to an extensive, highly evolving and uncertain regulatory and business landscape and any adverse changes to, or our failure to comply with, any laws and regulations, and adverse business reactions from counterparties could adversely affect our brand, reputation, business, operating results, and financial condition.

Our business is subject to extensive laws, rules, regulations, policies, orders, determinations, directives, treaties, and legal and regulatory interpretations and guidance, as well as counterparty risk in the markets in which we operate, including regulatory aspects from financial services, federal energy and other regulators, the SEC, the CFTC, credit, crypto asset custody, exchange, and transfer, cross-border and domestic money and crypto asset transmission, consumer and commercial lending, usury, foreign currency exchange, privacy, data governance, data protection, cybersecurity, fraud detection, antitrust and competition, bankruptcy, tax, anti-bribery, economic and trade sanctions, anti-money laundering, and counter-terrorist financing, as well as the same regulatory risks applicable to counterparties, most notably hosting businesses, as well as the recent economic issues and bankruptcies befalling some in this industry. Many of these legal and regulatory regimes were adopted prior to the advent of the internet, mobile technologies, crypto assets, and related technologies. As a result, some applicable laws and regulations do not contemplate or address unique issues associated with the crypto economy, are subject to significant uncertainty, and vary widely across U.S. federal, state, and local and international jurisdictions. These legal and regulatory regimes, including the laws, rules, and regulations thereunder, evolve frequently and may be modified, interpreted, and applied in an inconsistent manner from one jurisdiction to another, and may conflict with one another. Moreover, the complexity and evolving nature of our business and the significant uncertainty surrounding the regulation of the crypto economy requires us to exercise our judgment as to whether certain laws, rules, and regulations apply to us, and it is possible that governmental bodies and regulators may disagree with our conclusions. To the extent we have not complied with such laws, rules, and regulations, we could be subject to significant fines, revocation of licenses, limitations on our products and services, reputational harm, and other regulatory consequences, each of which may be significant and could adversely affect our business, operating results, and financial condition.

Additionally, various governmental and regulatory bodies, including legislative and executive bodies, in the United States and in other countries may adopt new laws and regulations, the direction and timing of which may be influenced by changes in the governing administrations and major events in the crypto economy. For example, following the failure of several prominent crypto trading venues and lending platforms, such as FTX, Celsius Networks, Voyager and Three Arrows Capital in 2022 (even though these do not directly affect our business), the U.S. Congress expressed the need for both greater federal oversight of the crypto economy and comprehensive cryptocurrency legislation. In the near future, various governmental and regulatory bodies, including in the United States, may introduce new policies, laws, and regulations relating to crypto assets and the crypto economy generally, and crypto asset platforms in particular. The failures of risk management and other control functions at other companies that played a role in these events could accelerate an existing regulatory trend toward stricter oversight of crypto asset platforms and the crypto economy.

Due to our business activities, we may be subject to ongoing examinations, oversight, and reviews and currently are, and expect in the future, to be subject to investigations and inquiries, by U.S. federal and state regulators, many of which have broad discretion to audit and examine our business. Moreover, new laws, regulations, or interpretations may result in additional litigation, regulatory investigations, and enforcement or other actions, including preventing or delaying us from offering certain products or services offered by our competitors or could impact how we offer such products and services. Adverse changes to, or our failure to comply with, any laws and regulations have had, and may continue to have, an adverse effect on our reputation and brand and our business, operating results, and financial condition.

We may have further restrictions on our liquidity due to unique risks which we could face in 2023.

The risks to our liquidity outlook would include the following:

- Deteriorating macroeconomic conditions as a result of the potential for recession in 2023 discussed in the media
- Additional challenges arising from catastrophic events (such the FTX collapse and multiple bankruptcies of bitcoin mining companies in 2022 and 2023) that would adversely affect the credibility of, and therefore investor confidence in, companies engaged in the digital assets space
- Additional declines in bitcoin prices and/or production, and increases in electricity costs which could adversely impact both the value of our bitcoin holdings and our ongoing profitability
- Further instability in the banking system and collapse of more banking institutions which could put the liquidity and cash assets of third parties with which we do business such as miner hosting entities and suppliers and us, if we bank in the future with an institution which subsequently collapses

If we or our third-party service providers experience a security breach or cyberattack and unauthorized parties obtain access to our bitcoin, we may lose some or all of our bitcoin and our financial condition and results of operations could be materially adversely affected

Security breaches and cyberattacks are of particular concern with respect to our bitcoin. Bitcoin and other blockchain-based digital assets have been, and may in the future be, subject to security breaches, cyberattacks, or other malicious activities. A successful security breach or cyberattack could result in a partial or total loss of our bitcoin in a manner that may not be covered by insurance or indemnity provisions of the custody agreement with a custodian who holds our bitcoin. Such a loss could have a material adverse effect on our financial condition and results of operations.

Variability in intellectual property laws may adversely affect our intellectual property position.

Intellectual property laws, and patent laws and regulations in particular, have been subject to significant variability either through administrative or legislative changes to such laws or regulations or changes or differences in judicial interpretation, and it is expected that such variability will continue to occur. Additionally, intellectual property laws and regulations differ among states, and countries. Variations in the patent laws and regulations or in interpretations of patent laws and regulations in the United States and other countries may diminish the value of our intellectual property and may change the impact of third-party intellectual property on us. Accordingly, we cannot predict the scope of patents that may be granted to us, the extent to which we will be able to enforce our patents against third parties, or the extent to which third parties may be able to enforce their patents against us.

We may seek to internally develop additional new inventions and intellectual property, which would take time and be costly. Moreover, the failure to obtain or maintain intellectual property rights for such inventions would lead to the loss of our investments in such activities.

We may in the future seek to engage in commercial business ventures or seek internal development of new inventions or intellectual property. These activities would require significant amounts of financial, managerial and other resources and would take time to achieve. Such activities could also distract our management team from its present business initiatives, which could have a material and adverse effect on our business. There is also the risk that such initiatives may not yield any viable new business or revenue, inventions or technology, which would lead to a loss of our investment in such activities.

In addition, even if we are able to internally develop new inventions, in order for those inventions to be viable and to compete effectively, we would need to develop and maintain, and we would be heavily reliant upon, a proprietary position with respect to such inventions and intellectual property. However, there are significant risks associated with any such intellectual property we may develop principally including the following:

- Patent applications we may file may not result in issued patents or may take longer than we expect to result in issued patents;
- We may be subject to interference proceedings;
- We may be subject to opposition proceedings in the U.S. or foreign countries;
- Any patents that are issued to us may not provide meaningful protection;
- We may not be able to develop additional proprietary technologies that are patentable;
- Other companies may challenge patents issued to us;
- Other companies may have independently developed and/or patented (or may in the future independently develop and patent) similar or alternative technologies, or duplicate our technologies;
- Other companies may design around technologies we have developed;
- And enforcement of our patents would be complex, uncertain and very expensive.

We cannot be certain that patents will be issued as a result of any future patent applications, or that any of our patents, once issued, will provide us with adequate protection from competing products. For example, issued patents may be circumvented or challenged, declared invalid or unenforceable or narrowed in scope. In addition, since publication of discoveries in scientific or patent literature often lags behind actual discoveries, we cannot be certain that we will be the first to make our additional new inventions or to file patent applications covering those inventions. It is also possible that others may have or may obtain issued patents that could prevent us from commercializing our products or require us to obtain licenses requiring the payment of significant fees or royalties in order to enable us to conduct our business. As to those patents that we may acquire, our continued rights will depend on meeting any obligations to the seller and we may be unable to do so. Our failure to obtain or maintain intellectual property rights for our inventions would lead to the loss of our investments in such activities, which would have a material adverse effect on us.

Moreover, patent application delays could cause delays in recognizing revenue from our internally generated patents and could cause us to miss opportunities to license patents before other competing technologies are developed or introduced into the market. We are not actively pursuing any commercialization opportunities or internally generated patents.

We are highly dependent on the continued services of our small team of executives.

We are dependent upon the efforts and services of our small executive team. While we have a preliminary plan for succession of certain key executive, the loss of any one of our key executives could have an adverse effect on our operations.

We have identified material weaknesses in our internal control over financial reporting and may identify additional material weaknesses in the future or otherwise fail to maintain an effective system of internal controls, which may result in material misstatements of our financial statements or cause us to fail to meet our periodic reporting obligations.

We are required to comply with certain provisions of Section 404 of the Sarbanes-Oxley Act. Section 404 requires that we document and test our internal control over financial reporting and issue management's assessment of our internal control over financial reporting. Management assessed the effectiveness of our internal control over financial reporting as of December 31, 2022. In making this assessment, we used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in Internal Control — Integrated Framework. A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of our annual or interim financial statements will not be prevented or detected on a timely basis. Based on our assessment, as of December 31, 2022, we concluded that our internal control over financial reporting contained material weaknesses. To remediate these material weaknesses, our management has been implementing and continues to implement measures designed to ensure that control deficiencies contributing to the material weakness are remediated, such that these controls are designed, implemented, and operating effectively.

We believe that these actions will remediate the material weakness. However, the remediation cannot be deemed successful until the applicable controls operate for a sufficient period of time and our management has concluded, through testing, that these controls are operating effectively. If we fail to comply with the requirements of Section 404 of the Sarbanes-Oxley Act, the accuracy and timeliness of the filing of our annual and quarterly reports may be materially adversely affected and could cause investors to lose confidence in our reported financial information, which could have a negative effect on the trading price of our common stock. In addition, a material weakness in the effectiveness of our internal control over financial reporting could result in an increased chance of fraud and the loss of customers, reduce our ability to obtain financing and require additional expenditures to comply with these requirements, each of which could have a material adverse effect on our business, results of operations and financial condition.

We have unresolved SEC Staff Comments.

As stated in Item 1B of our Annual Report on Form 10-K for the fiscal year ended December 31, 2022, we have unresolved SEC Staff Comments. While we have restated our financial statements based on comments received to date, these comments remain unresolved and are subject to further review and comment by the Staff. We believe we have addressed all of the Staff concerns; however, until the Staff has completed its review, we have no assurance that unresolved comments, or additional comments from the Staff, will not result in the need for additional restatements of our previously-issued financial statements. This is not a likely result, in our view, but if this were the case, we could be subject to a further restatement.

We rely on third party hosting, which, among other things, often requires us to give the hosting company, a first lien on the mining rigs installed on the site and creates business risk for us.

We do not self-host our mining rigs and rely upon third party hosting facilities to power our mining rigs. We are dependent upon the financial viability of our hosting parties, and in 2022, several large publicly traded hosting companies have met with severe financial issues, including bankruptcies. Furthermore, in most hosting contracts, there is a requirement that the miner agree to permit the hosting company to place a lien on the actual mining machines being hosted. If the hosting company files for bankruptcy, it may take months for the liens to be lifted, while the bankruptcy court and parties litigate these contracts and resolves issues as to ownership of assets and related areas. In these contracts, we also are often required to make significant deposits against future mining fees. If the hosting party utilizes the deposits, we could risk loss of the deposits and be left with an unsecured claim in the bankruptcy. Lastly, as the bankruptcy process includes an automatic stay in favor of the debtor company, until the stay is lifted or a bankruptcy plan approved, we may not be able to move our mining rigs to a different location, even if the debtor rejects our hosting contract.

Bitcoin prices are very volatile and this may affect our ability to effectively manage growth plans and our profitability.

The price of bitcoin is extremely volatile and in fiscal 2022 was in a range between approximately \$15,600 and \$48,100. The cost to mine a bitcoin is independent of the then current price of bitcoin, so when prices are low, the cost per coin to mine may consume much of our available cash which means that there is less capital with which to invest in future company growth. Similarly, when prices are low, our profitability is decreased on a dollar for dollar basis correlated to the then price of bitcoin. Given the volatility of bitcoin, these factors render us unable to accurately predict in advance what our growth plans may be and accurately forecast any revenue and profitability projections for any reporting period.

We have commenced doing business overseas, and different countries have differing degrees of political, legal and fiscal stability. This exposes us to a wide range of political developments that could result in changes to contractual terms, laws and regulations. In addition, we and our joint arrangements and associates face the risk of litigation and disputes worldwide.

Developments in politics, laws and regulations can and do affect our operations. Potential impacts include: forced divestment of assets; expropriation of property; cancellation or forced renegotiation of contract rights; additional taxes including windfall taxes, restrictions on deductions and retroactive tax claims; antitrust claims; changes to trade compliance regulations; price controls; local content requirements; foreign exchange controls; changes to environmental regulations; changes to regulatory interpretations and enforcement; and changes to disclosure requirements. Any of these, individually or in aggregate, could have a material adverse effect on our earnings, cash flows and financial condition.

From time to time, social and political factors play a role in unprecedented and unanticipated judicial outcomes that could adversely affect us. Non-compliance with policies and regulations could result in regulatory investigations, litigation and, ultimately, sanctions. Certain governments and regulatory bodies have, in our opinion, exceeded their constitutional authority by: attempting unilaterally to amend or cancel existing agreements or arrangements; failing to honour existing contractual commitments; and seeking to adjudicate disputes between private litigants. Additionally, certain governments have adopted laws and regulations that could potentially force us to violate other countries' laws and regulations, therefore potentially subjecting us to both criminal and civil sanctions. Such developments and outcomes could have a material adverse effect on our earnings, cash flows and financial condition.

Our future success depends on our ability to expand our organization to match the growth of our activities.

As our operations grow, the administrative demands and scaling demands upon us will grow, and our success will depend upon our ability to meet those demands. Both the parent company and each of our subsidiaries require certain financial, managerial and other resources, which could create challenges to our ability to successfully manage our subsidiaries and operations and impact our ability to assure compliance with our policies, practices and procedures. These demands include, but are not limited to, increased executive, accounting, management, legal services, staff support and general office services. We may need to hire additional qualified personnel to meet these demands, the cost and quality of which is dependent in part upon market factors outside of our control. Further, we will need to effectively manage the training and growth of our staff to maintain an efficient and effective workforce, and our failure to do so could adversely affect our business and operating results. Currently, we have limited personnel in our organization to meet our organizational and administrative demands.

Risks Relating to Marathon's Stock

Exercise or conversion of warrants and other convertible securities will dilute shareholder's percentage of ownership.

We have issued convertible securities, options and warrants to purchase shares of our Common Stock to our officers, directors, consultants and certain shareholders. In the future, we may grant additional options, warrants and convertible securities. The exercise, conversion or exchange of options, warrants or convertible securities, including for other securities, will dilute the percentage ownership of our shareholders. The dilutive effect of the exercise or conversion of these securities may adversely affect our ability to obtain additional capital. The holders of these securities may be expected to exercise or convert such options, warrants and convertible securities at a time when we would be able to obtain additional equity capital on terms more favorable than such securities or when our Common Stock is trading at a price higher than the exercise or conversion price of the securities. The exercise or conversion of outstanding warrants, options and convertible securities will have a dilutive effect on the securities held by our shareholders. We have in the past, and may in the future, exchange outstanding securities for other securities on terms that are dilutive to the securities held by other shareholders not participating in such exchange.

Our Common Stock may be delisted from The Nasdaq Capital Market (“Nasdaq”) if we fail to comply with continued listing standards.

Our Common Stock is currently traded on Nasdaq under the symbol “MARA”. If we fail to meet any of the continued listing standards of Nasdaq, our Common Stock could be delisted from Nasdaq. The continued listing standards include specifically enumerated criteria, such as:

- A \$1.00 minimum closing bid price;
- Stockholders’ equity of \$2,500 thousand;
- 500,000 shares of publicly held Common Stock with a market value of at least \$1,000 thousand;
- 300 round-lot stockholders; and
- Compliance with Nasdaq’s corporate governance requirements, as well as additional or more stringent criteria that may be applied in the exercise of Nasdaq’s discretionary authority.

Our stock price is volatile.

The market price of our Common Stock is likely to be highly volatile and could fluctuate widely in price in response to various factors, many of which are beyond our control, including the following:

- Changes in our industry including changes which adversely affect bitcoin and other digital assets;
- Changes in bitcoin pricing;
- Competitive pricing pressures;
- Our ability to obtain working capital financing;
- Additions or departures of key personnel;
- Sales of our Common Stock;
- Our ability to execute our business plan;
- Operating results that fall below expectations;
- Loss of any strategic relationship;
- Regulatory developments; and
- Economic and other external factors.

In addition, the securities markets have from time to time experienced significant price and volume fluctuations that are unrelated to the operating performance of particular companies. These market fluctuations may also materially and adversely affect the market price of our Common Stock.

Because there has been limited precedent set for financial accounting of bitcoin and other cryptocurrency assets, the determination that we have made for how to account for cryptocurrency assets transactions may be subject to change.

Because there has been limited precedent set for the financial accounting of cryptocurrencies and related revenue recognition and no official guidance has yet been provided by the Financial Accounting Standards Board or the SEC, it is unclear how companies may in the future be required to account for cryptocurrency transactions and assets and related revenue recognition. A change in regulatory or financial accounting standards could result in the necessity to change our accounting methods and restate our financial statements. Such a restatement could adversely affect the accounting for our newly mined cryptocurrency rewards and more generally negatively impact our business, prospects, financial condition and results of operations. Such circumstances would have a material adverse effect on our ability to continue as a going concern or to pursue our new strategy at all, which would have a material adverse effect on our business, prospects or operations as well as and potentially the value of any cryptocurrencies we hold or expect to acquire for our own account and harm investors.

We have never paid nor do we expect in the near future to pay cash dividends.

We have never paid cash dividends on our capital stock and do not anticipate paying any cash dividends on our Common Stock for the foreseeable future. While it is possible that we may declare a dividend after a large settlement, investors should not rely on such a possibility, nor should they rely on an investment in us if they require income generated from dividends paid on our capital stock. Any income derived from our Common Stock would only come from rise in the market price of our Common Stock, which is uncertain and unpredictable.

Offers or availability for sale of a substantial number of shares of our Common Stock may cause the price of our Common Stock to decline.

If our stockholders sell substantial amounts of our Common Stock in the public market upon the expiration of any statutory holding period or lockup agreements, under Rule 144, or issued upon the exercise of outstanding warrants or other convertible securities, it could create a circumstance commonly referred to as an “overhang” and in anticipation of which the market price of our Common Stock could fall. The existence of an overhang, whether or not sales have occurred or are occurring, also could make more difficult our ability to raise additional financing through the sale of equity or equity-related securities in the future at a time and price that we deem reasonable or appropriate. The shares of our restricted Common Stock will be freely tradable upon the earlier of: (i) effectiveness of a registration statement covering such shares and (ii) the date on which such shares may be sold without registration pursuant to Rule 144 (or other applicable exemption) under the Securities Act of 1933, as amended (“Securities Act”).

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains forward-looking statements. Such statements include statements regarding our expectations, hopes, beliefs or intentions regarding the future, including but not limited to statements regarding our market, strategy, competition, development plans (including acquisitions and expansion), financing, revenues, operations, and compliance with applicable laws. Forward-looking statements involve certain risks and uncertainties, and actual results may differ materially from those discussed in any such statement. Factors that could cause actual results to differ materially from such forward-looking statements include the risks described in greater detail in the following paragraphs. All forward-looking statements in this document are made as of the date hereof, based on information available to us as of the date hereof, and we assume no obligation to update any forward-looking statement. Market data used throughout this prospectus is based on published third party reports or the good faith estimates of management, which estimates are based upon their review of internal surveys, independent industry publications and other publicly available information.

You should review carefully the section entitled “Risk Factors” within this prospectus for a discussion of these and other risks that relate to our business and investing in shares of our Common Stock.

All forward-looking statements speak only as of the date of this prospectus. We disclaim any obligation to update or revise these statements unless required by law, and you should not place undue reliance on these forward-looking statements. Although we believe that our plans, intentions and expectations reflected in or suggested by the forward-looking statements we make in this prospectus are reasonable, we can give no assurance that these plans, intentions or expectations will be achieved. We disclose important factors that could cause our actual results to differ materially from our expectations under “Risk Factors” and elsewhere in this prospectus. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

RATIO OF EARNINGS TO FIXED CHARGES

If we offer debt securities and/or preference equity securities under this prospectus, we will, if required at that time, provide a ratio of earnings to fixed charges and/or ratio of earnings to combined fixed charges and preference dividends to earnings, respectively, in the applicable prospectus supplement for such offering.

USE OF PROCEEDS

Unless otherwise indicated in a prospectus supplement, we intend to use to use a substantial portion of the net proceeds for working capital expenditures. The remaining proceeds will be used for general corporate purposes. We will set forth in a prospectus supplement relating to a specific offering any intended use for the net proceeds received from the sale of securities in that offering. We will have significant discretion in the use of any net proceeds. Investors will be relying on the judgment of our management regarding the application of the proceeds of any sale of securities. We may invest the net proceeds temporarily until we use them for their stated purpose, as applicable.

DESCRIPTION OF COMMON STOCK

General

We are authorized to issue 500,000,000 shares of common stock, at \$0.0001 par value per share. As of October 19, 2023, we have 216,894,234 shares of our common stock issued and outstanding.

Holders of the Company's common stock are entitled to one vote for each share on all matters submitted to a stockholder vote. Holders of common stock do not have cumulative voting rights. Therefore, holders of a majority of the shares of common stock voting for the election of directors can elect all of the directors. Holders of the Company's common stock representing a third of the voting power of the Company's capital stock issued, outstanding and entitled to vote, represented in person or by proxy, are necessary to constitute a quorum at any meeting of stockholders. A vote by the holders of a majority of the Company's outstanding shares is required to effectuate certain fundamental corporate changes such as liquidation, merger or an amendment to the Company's certificate of incorporation.

Holders of the Company's common stock are entitled to share in all dividends that the board of directors, in its discretion, declares from legally available funds. In the event of a liquidation, dissolution or winding up, each outstanding share entitles its holder to participate pro rata in all assets that remain after payment of liabilities and after providing for each class of stock, if any, having preference over the common stock. The Company's common stock has no pre-emptive rights, no conversion rights and there are no redemption provisions applicable to the Company's common stock.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Equity Stock Transfer, Inc., NY, NY.

Listing

Our common stock is currently traded on the Nasdaq Capital Market under the symbol "MARA."

DESCRIPTION OF PREFERRED STOCK

General

The Company's articles of incorporation authorize the issuance of 50,000,000 shares of "blank check" preferred stock, \$0.0001 par value per share, in one or more series, of which no series or shares were outstanding as of June 30, 2023, subject to any limitations prescribed by law, without further vote or action by the stockholders. Each such series of preferred stock shall have such number of shares, designations, preferences, voting powers, qualifications, and special or relative rights or privileges as shall be determined by our board of directors, which may include, among others, dividend rights, voting rights, liquidation preferences, conversion rights and preemptive rights.

Preferred stock is available for possible future financings or acquisitions and for general corporate purposes without further authorization of stockholders unless such authorization is required by applicable law, the rules of the Nasdaq Capital Market or other securities exchange or market on which our stock is then listed or admitted to trading.

Our board of directors may authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes could, under some circumstances, have the effect of delaying, deferring or preventing a change in control of the Company.

A prospectus supplement relating to any series of preferred stock being offered will include specific terms relating to the offering. Such prospectus supplement will include:

- the title and stated or par value of the preferred stock;
- the number of shares of the preferred stock offered, the liquidation preference per share and the offering price of the preferred stock;
- the dividend rate(s), period(s) and/or payment date(s) or method(s) of calculation thereof applicable to the preferred stock;
- whether dividends shall be cumulative or non-cumulative and, if cumulative, the date from which dividends on the preferred stock shall accumulate;
- the provisions for a sinking fund, if any, for the preferred stock;
- any voting rights of the preferred stock;
- the provisions for redemption, if applicable, of the preferred stock;
- any listing of the preferred stock on any securities exchange;
- the terms and conditions, if applicable, upon which the preferred stock will be convertible into our common stock, including the conversion price or the manner of calculating the conversion price and conversion period;
- if appropriate, a discussion of Federal income tax consequences applicable to the preferred stock;
- and any other specific terms, preferences, rights, limitations or restrictions of the preferred stock.

The terms, if any, on which the preferred stock may be convertible into or exchangeable for our common stock will also be stated in the preferred stock prospectus supplement. The terms will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option, and may include provisions pursuant to which the number of shares of our common stock to be received by the holders of preferred stock would be subject to adjustment.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of preferred stock or common stock. Warrants may be issued independently or together with any preferred stock or common stock, and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between a warrant agent specified in the agreement and us. The warrant agent will act solely as our agent in connection with the warrants of that series and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. This summary of some provisions of the securities warrants is not complete. You should refer to the securities warrant agreement, including the forms of securities warrant certificate representing the securities warrants, relating to the specific securities warrants being offered for the complete terms of the securities warrant agreement and the securities warrants. The securities warrant agreement, together with the terms of the securities warrant certificate and securities warrants, will be filed with the Securities and Exchange Commission in connection with the offering of the specific warrants.

The applicable prospectus supplement will describe the following terms, where applicable, of the warrants in respect of which this prospectus is being delivered:

- the title of the warrants;
- the aggregate number of the warrants;
- the price or prices at which the warrants will be issued;
- the designation, amount and terms of the offered securities purchasable upon exercise of the warrants;
- if applicable, the date on and after which the warrants and the offered securities purchasable upon exercise of the warrants will be separately transferable;
- the terms of the securities purchasable upon exercise of such warrants and the procedures and conditions relating to the exercise of such warrants;
- any provisions for adjustment of the number or amount of securities receivable upon exercise of the warrants or the exercise price of the warrants;
- the price or prices at which and currency or currencies in which the offered securities purchasable upon exercise of the warrants may be purchased;
- the date on which the right to exercise the warrants shall commence and the date on which the right shall expire;
- the minimum or maximum amount of the warrants that may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- if appropriate, a discussion of Federal income tax consequences; and
- any other material terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Warrants for the purchase of common stock or preferred stock will be offered and exercisable for U.S. dollars only. Warrants will be issued in registered form only.

Upon receipt of payment and the warrant certificate properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will, as soon as practicable, forward the purchased securities. If less than all of the warrants represented by the warrant certificate are exercised, a new warrant certificate will be issued for the remaining warrants.

Prior to the exercise of any securities warrants to purchase preferred stock or common stock, holders of the warrants will not have any of the rights of holders of the common stock or preferred stock purchasable upon exercise, including in the case of securities warrants for the purchase of common stock or preferred stock, the right to vote or to receive any payments of dividends on the preferred stock or common stock purchasable upon exercise.

DESCRIPTION OF UNITS

As specified in the applicable prospectus supplement, we may issue units consisting of shares of common stock, shares of preferred stock or warrants or any combination of such securities.

The applicable prospectus supplement will specify the following terms of any units in respect of which this prospectus is being delivered:

- the terms of the units and of any of the common stock, preferred stock and warrants comprising the units, including whether and under what circumstances the securities comprising the units may be traded separately;
- a description of the terms of any unit agreement governing the units; and
- a description of the provisions for the payment, settlement, transfer or exchange of the units.

PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus (i) to or through underwriters or dealers, (ii) directly to purchasers, including our affiliates, (iii) through agents, (iv) via so called “at-the-market” or “ATM” offerings, or (v) through a combination of any of these methods. The securities may be distributed at a fixed price or prices, which may be changed, market prices prevailing at the time of sale, prices related to the prevailing market prices, or negotiated prices. The prospectus supplement will include the following information:

- the terms of the offering;
- the names of any underwriters or agents;
- the name or names of any managing underwriter or underwriters;
- the purchase price of the securities;
- any over-allotment options under which underwriters may purchase additional securities from us;
- the net proceeds from the sale of the securities;
- any delayed delivery arrangements;
- any underwriting discounts, commissions and other items constituting underwriters’ compensation;
- any initial public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers;
- any commissions paid to agents; and
- any securities exchange or market on which the securities may be listed.

Agents, underwriters, and dealers may be entitled, under agreements entered into with us, to indemnification by us against certain liabilities, including liabilities under the Securities Act. Our agents, underwriters, and dealers, or their affiliates, may be customers of, engage in transactions with or perform services for us, in the ordinary course of business.

Sale through Underwriters or Dealers

Only underwriters named in the prospectus supplement are underwriters of the securities offered by the prospectus supplement.

If underwriters are used in the sale, the underwriters will acquire the securities for their own account, including through underwriting, purchase, security lending or repurchase agreements with us. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions. Underwriters may sell the securities in order to facilitate transactions in any of our other securities (described in this prospectus or otherwise), including other public or private transactions and short sales. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless otherwise indicated in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers.

If dealers are used in the sale of securities offered through this prospectus, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The prospectus supplement will include the names of the dealers and the terms of the transaction.

Direct Sales and Sales through Agents

We may sell the securities offered through this prospectus directly. In this case, no underwriters or agents would be involved. Such securities may also be sold through agents designated from time to time. The prospectus supplement will name any agent involved in the offer or sale of the offered securities and will describe any commissions payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. The terms of any such sales will be described in the prospectus supplement.

Delayed Delivery Contracts

If the prospectus supplement indicates, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The applicable prospectus supplement will describe the commission payable for solicitation of those contracts.

Continuous Offering Program

Without limiting the generality of the foregoing, we may enter into a continuous offering program equity distribution agreement with a broker-dealer, under which we may offer and sell shares of our common stock from time to time through a broker-dealer as our sales agent. If we enter into such a program, sales of the shares of common stock, if any, will be made by means of ordinary brokers' transactions on the Nasdaq Capital Market at market prices, block transactions and such other transactions as agreed upon by us and the broker-dealer. Under the terms of such a program, we also may sell shares of common stock to the broker-dealer, as principal for its own account at a price agreed upon at the time of sale. If we sell shares of common stock to such broker-dealer as principal, we will enter into a separate agreement with such broker-dealer, and we will describe this agreement in a separate prospectus supplement or pricing supplement.

Market Making, Stabilization and Other Transactions

Unless the applicable prospectus supplement states otherwise, other than our common stock all securities we offer under this prospectus will be a new issue and will have no established trading market. We may elect to list offered securities on an exchange or in the over-the-counter market. Any underwriters that we use in the sale of offered securities may make a market in such securities, but may discontinue such market making at any time without notice. Therefore, we cannot assure you that the securities will have a liquid trading market.

Any underwriter may also engage in stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Rule 104 under the Exchange Act. Stabilizing transactions involve bids to purchase the underlying security in the open market for the purpose of pegging, fixing or maintaining the price of the securities. Syndicate covering transactions involve purchases of the securities in the open market after the distribution has been completed in order to cover syndicate short positions.

Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Stabilizing transactions, syndicate covering transactions and penalty bids may cause the price of the securities to be higher than it would be in the absence of the transactions. The underwriters may, if they commence these transactions, discontinue them at any time.

LEGAL MATTERS

The validity of the issuance of the securities offered by this prospectus will be passed upon for us by Jolie Kahn, Esq. of New York, NY. If certain legal matters in connection with an offering of the securities covered by this prospectus and a related prospectus supplement are passed upon by counsel for the underwriters, if any, of such offering, that counsel will be named in the related prospectus supplement for such offering.

EXPERTS

The consolidated balance sheets of Marathon Digital Holdings, Inc. as of December 31, 2022 and December 31, 2021, and the related consolidated statements of operations stockholders' equity, and cash flows for the years then ended have been audited by Marcum LLP, as stated in their report, which is incorporated herein by reference. Such consolidated financial statements are incorporated herein by reference in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, along with other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at <http://www.sec.gov>. You may also read and copy any document we file at the SEC's Public Reference Room at 100 F Street, NE, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our SEC filings are also available on our website, <https://ir.marathondh.com/undertheheadingInvestors>. The information on this website is expressly not incorporated by reference into, and does not constitute a part of, this prospectus.

This prospectus is part of a registration statement on Form S-3 that we filed with the SEC to register the securities offered hereby under the Securities Act of 1933, as amended. This prospectus does not contain all of the information included in the registration statement, including certain exhibits and schedules. You may obtain the registration statement and exhibits to the registration statement from the SEC at the address listed above or from the SEC's internet site.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

This prospectus is part of a registration statement filed with the SEC. The SEC allows us to "incorporate by reference" into this prospectus the information that we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. The following documents are incorporated by reference and made a part of this prospectus:

- Annual Report on [Form 10-K](#) for the year ended December 31, 2022 filed on March 16, 2023, as amended by Amendment No. 1 to [Form 10-K](#), filed on April 28, 2023 and Quarterly Reports on Form 10-Q for the quarters ended March 31, 2023 and June 30, 2023, filed on [May 10, 2023](#) and [August 8, 2023](#), respectively;
- Our Definitive Proxy Statements on Schedule 14A and accompanying additional proxy materials filed with the SEC on [June 23, 2023](#), [August 28, 2023](#) and [October 13, 2023](#);
- Current Reports on Form 8-K (excluding any reports or portions thereof that are deemed to be furnished and not filed) filed on [January 27, 2023](#), [February 28, 2023](#), [March 8, 2023](#), [March 31, 2023](#), [May 8, 2023](#), [June 6, 2023](#), [June 9, 2023](#), [June 14, 2023](#), [July 20, 2023](#), [July 21, 2023](#), [July 31, 2023](#), [August 3, 2023](#), [August 8, 2023](#), [September 8, 2023](#), [September 12, 2023](#), [September 21, 2023](#), [September 28, 2023](#), [October 2, 2023](#), [October 4, 2023](#) and [October 18, 2023](#); and
- Our registration statement on Form 8-A filed on [April 12, 2012](#) and [July 22, 2014](#).

We also incorporate by reference all additional documents that we file with the Securities and Exchange Commission under the terms of Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act that are made after the date of the initial registration statement but prior to effectiveness of the registration statement and after the date of this prospectus but prior to the termination of the offering of the securities covered by this prospectus. We are not, however, incorporating, in each case, any documents or information that we are deemed to furnish and not file in accordance with Securities and Exchange Commission rules.

You may request, and we will provide you with, a copy of these filings, at no cost, by calling us at (800) 804-1690 or by writing to us at the following address:

Marathon Digital Holdings, Inc.
101 NE Third Avenue, Suite 1200
[Fort Lauderdale, FL 33301](#)

\$750,000,000
Common Stock
Preferred Stock
Warrants
Units

MARATHON DIGITAL HOLDINGS, INC.

Prospectus

October 24, 2023

PROSPECTUS SUPPLEMENT
(To prospectus dated October 24, 2023)

\$750,000,000

MARATHON DIGITAL HOLDINGS, INC.

Common Stock

We have entered into an At The Market Offering Agreement, or sales agreement, with H.C. Wainwright & Co., LLC, or Wainwright, relating to shares of our common stock offered by this prospectus supplement. In accordance with the terms of the sales agreement, we may offer and sell shares of our common stock having an aggregate offering price of up to \$750,000,000 from time to time through Wainwright acting as our sales agent pursuant to this prospectus supplement and the accompanying prospectus.

Our common stock is traded on the Nasdaq Capital Market, or Nasdaq, under the symbol “MARA.” The last reported sale price of our common stock on October 19, 2023 was \$7.71 per share.

Sales of our common stock, if any, under this prospectus supplement will be made by any method permitted that is deemed an “at the market offering” as defined in Rule 415 under the Securities Act of 1933, as amended, or the Securities Act, including sales made directly on or through Nasdaq or any other existing trading market in the United States for our common stock, sales made to or through a market maker other than on an exchange or otherwise, directly to Wainwright as principal, in negotiated transactions at market prices prevailing at the time of sale or at prices related to such prevailing market prices and/or in any other method permitted by law. If we and Wainwright agree on any method of distribution other than sales of shares of our common stock on or through Nasdaq or another existing trading market in the United States at market prices, we will file a further prospectus supplement providing all information about such offering as required by Rule 424(b) under the Securities Act. Wainwright is not required to sell any specific number or dollar amount of securities, but will act as our sales agent using commercially reasonable efforts consistent with its normal trading and sales practices. There is no arrangement for funds to be received in any escrow, trust or similar arrangement.

Wainwright will be entitled to compensation at a commission rate equal to up to 3.0% of the gross sales price per share sold. In connection with the sale of the common stock on our behalf, Wainwright will be deemed to be an “underwriter” within the meaning of the Securities Act and the compensation of Wainwright will be deemed to be underwriting commissions or discounts. We have also agreed to provide indemnification and contribution to Wainwright with respect to certain liabilities, including liabilities under the Securities Act or the Exchange Act of 1934, as amended, or the Exchange Act.

Investing in our securities involves significant risks. Please read the information contained in or incorporated by reference under the heading “Risk Factors” beginning on page S-6 of this prospectus supplement, and under similar headings in other documents filed after the date hereof and incorporated by reference into this prospectus supplement and the accompanying prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus is accurate or complete. Any representation to the contrary is a criminal offense.

H.C. WAINWRIGHT & CO.

The date of this prospectus supplement is October 24, 2023

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Prospectus Supplement

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is part of the registration statement that we filed with the Securities and Exchange Commission, or the SEC, using a “shelf” registration process and consists of two parts. The first part is this prospectus supplement, which describes the specific terms of this offering. The second part, the accompanying prospectus, gives more general information, some of which may not apply to this offering. Generally, when we refer only to the “prospectus,” we are referring to both parts combined. This prospectus supplement may add to, update or change information in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement or the accompanying prospectus. By using a shelf registration statement, we may offer shares of our common stock having an aggregate offering price of up to \$750,000,000 from time to time under this prospectus supplement at prices and on terms to be determined by market conditions at the time of offering.

If information in this prospectus supplement is inconsistent with the accompanying prospectus or with any document incorporated by reference that was filed with the SEC before the date of this prospectus supplement, you should rely on this prospectus supplement. This prospectus supplement, the accompanying prospectus and the documents incorporated into each by reference include important information about us, the securities being offered and other information you should know before investing in our securities. You should also read and consider information in the documents we have referred you to in the sections of this prospectus supplement entitled “Where You Can Find More Information” and “Incorporation by Reference.”

You should rely only on this prospectus supplement, the accompanying prospectus, the documents incorporated or deemed to be incorporated by reference herein or therein and any free writing prospectus prepared by us or on our behalf. We have not, and the underwriters have not, authorized anyone to provide you with information that is in addition to or different from that contained or incorporated by reference in this prospectus supplement and the accompanying prospectus. If anyone provides you with different or inconsistent information, you should not rely on it. We and the underwriters are not offering to sell these securities in any jurisdiction where the offer or sale is not permitted. You should not assume that the information contained in this prospectus supplement, the accompanying prospectus or any free writing prospectus, or incorporated by reference herein, is accurate as of any date other than as of the date of this prospectus supplement or the accompanying prospectus or any free writing prospectus, as the case may be, or in the case of the documents incorporated by reference, the date of such documents regardless of the time of delivery of this prospectus supplement and the accompanying prospectus or any sale of our securities. Our business, financial condition, liquidity, results of operations and prospects may have changed since those dates.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference in this prospectus supplement or the accompanying prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

Unless otherwise indicated in this prospectus or the context otherwise requires, all references to “we,” “us,” “our,” “the Company,” and “Marathon” refer to Marathon Digital Holdings, Inc. and its subsidiaries.

No action is being taken in any jurisdiction outside the United States to permit a public offering of the securities or possession or distribution of this prospectus supplement or the accompanying prospectus in that jurisdiction. Persons who come into possession of this prospectus supplement or the accompanying prospectus in jurisdictions outside the United States are required to inform themselves about and to observe any restrictions as to this offering and the distribution of this prospectus supplement or the accompanying prospectus applicable to that jurisdiction.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights information contained elsewhere or incorporated by reference in this prospectus. This summary does not contain all of the information that you should consider before deciding to invest in our common stock. You should read this entire prospectus carefully, including the “Risk Factors” section contained in this prospectus, our consolidated financial statements and the related notes thereto and the other documents incorporated by reference in this prospectus.

About Marathon Digital Holdings, Inc.

Marathon is a digital asset technology company that produces or “mines” digital assets with a focus on the blockchain ecosystem and the generation of digital assets. Marathon’s strategy is to produce and hold bitcoin (after paying for cash operating costs of production) as a long term investment. Holding bitcoin is a strategy to act as a store of value, supported by a robust and public open source architecture, that is not linked to any country’s monetary policy and can therefore serve as a store of value outside of government control. We believe that bitcoin offers additional opportunity for appreciation in value with increasing adoption due to its limited supply. We may also explore opportunities to become involved in businesses ancillary to our bitcoin mining business as favorable market conditions and opportunities arise.

We were incorporated in the State of Nevada on February 23, 2010 under the name Verve Ventures, Inc. On December 7, 2011, we changed our name to American Strategic Minerals Corporation and were engaged in exploration and potential development of a uranium and vanadium minerals business. In June 2012, we discontinued our minerals business and began to invest in real estate properties in Southern California. In October 2012, we commenced our IP licensing operations, at which time the Company’s name was changed to Marathon Patent Group, Inc. We purchased digital asset mining machines and established a data center in Canada to mine digital assets in 2017. The Company ceased operating in Canada in 2020 and relocated all owned mining rigs from Canada to the U.S. The Company has since expanded its activities in the mining of bitcoin across the U.S. The Company changed its name to Marathon Digital Holdings, Inc. on March 1, 2021. As of December 31, 2022, the Company is solely focused on the mining of bitcoin and ancillary opportunities within the Bitcoin ecosystem.

In 2022, we moved our corporate headquarters to Fort Lauderdale, FL and maintain an address at 101 SE 3rd Avenue, Suite 1200, Fort Lauderdale, FL 33301. We also maintain a West Coast office at 300 Spectrum Center Drive, Suite 950, Irvine, CA 92618. Our website is www.mara.com. As of June 30, 2023, we had over 40 full-time employees, and we expect this number to continue to grow in support of the increased scale of the business. We believe our employee relations to be good.

Bitcoin is a decentralized digital asset that operates on a peer-to-peer network, allowing users to send and receive payments without the need for intermediaries such as banks. This is made possible through the use of blockchain technology, which is a distributed ledger that records and verifies all transactions on the network.

The Bitcoin blockchain is a public, transparent, and immutable record of all transactions that have ever occurred on the network. This ledger is maintained by a network of computers, known as nodes, that work together to verify and validate new transactions. Each transaction is cryptographically signed and added to the blockchain as a new block, which is then permanently recorded and cannot be altered or deleted.

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One of the key advantages of the Bitcoin blockchain is that it allows for trustless, secure transactions without the need for a central authority. Because the blockchain is decentralized and transparent, all users can verify the legitimacy of a transaction without having to rely on a third party. This eliminates the need for intermediaries, which can be slow and expensive, and it also makes the network resistant to censorship and fraud.

Bitcoin's decentralized and transparent nature makes it secure, efficient, and accessible, and gives it the potential to enable new forms of value exchange and innovation.

In digital asset mining, companies and individuals use computing power to solve cryptographic algorithms to record and publish transactions to blockchain ledgers or provide transaction verification services to the Bitcoin network in exchange for digital asset rewards. The current reward for verifying a block on the Bitcoin blockchain is 6.25 bitcoin. Miners can range from individual enthusiasts to professional mining operations with dedicated data centers. Miners may organize themselves in mining pools. The Company competes or may in the future compete with other companies that focus all or a portion of their activities on owning or operating digital asset exchanges, developing programming for the blockchain, and mining activities. At present, the information concerning the activities of these enterprises is not readily available as the vast majority of the participants in this sector do not publish information publicly or the information may be unreliable.

Several public companies (traded in the U.S. and Internationally), such as the following, may be considered to compete with us:

- Riot Platforms, Inc.
- Cipher Mining Inc.
- Hut 8 Mining Corp.
- Hive Blockchain Technologies Ltd.
- Bitfarms, Ltd.
- Cleanspark, Inc.
- Iris Energy Limited
- Bit Digital, Inc.
- Argo Blockchain plc
- TeraWulf Inc.
- Greenidge Generation Holdings Inc.
- Core Scientific, Inc.
- Stronghold Digital Mining, Inc.

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While there is limited available information regarding our non-public competitors, we believe that our recent acquisition and ongoing deployment of miners positions us well among the publicly traded companies involved in the digital asset mining industry. The digital asset mining industry is a highly competitive and evolving industry and new competitors and/or emerging technologies could enter the market and affect our competitiveness in the future.

The term “Bitcoin” with a capital “B” is used to denote the Bitcoin protocol which implements a highly available, public, permanent, and decentralized ledger. The term “bitcoin” with a lower case “b” is used to denote the token, bitcoin.

The Company has continued its focus on expanding its operational capabilities during the period both domestically and internationally.

On January 27, 2023, the Company and Zero Two (formerly, FS Innovation, LLC) (“Zero Two”) entered into a Shareholders’ Agreement (the “Agreement”) regarding the formation of an Abu Dhabi Global Markets company (the “ADGM Entity”), whose purpose shall be to jointly (a) establish and operate one or more mining facilities for digital assets; and (b) mine digital assets (collectively, the “Business”). The initial project by the ADGM Entity consists of two digital asset mining sites comprising 250 MW in Abu Dhabi, and the initial equity ownership in the ADGM Entity is to be 80% Zero Two and 20% the Company, and capital contributions are to be made, subject to the satisfaction or waiver of certain conditions, during the 2023 development period in those proportions, consisting of both cash and in kind, in amounts of approximately \$406,000 thousand in aggregate. Zero Two has appointed four directors to the board of the ADGM Entity, and the Company has appointed one director.

Unless otherwise not permitted by applicable law, the digital assets mined by the ADGM Entity will be distributed to the Company and Zero Two twice a month in proportion to their respective equity interests in the ADGM Entity. There are market provisions in the Agreement with respect to financial and tax matters.

The Agreement shall terminate at the earlier of the mutual written agreement of the parties, winding up of the ADGM Entity or the ownership by a shareholder of all of the outstanding equity interests in the ADGM Entity. The Agreement contains market terms on transfer of shares by a shareholder, pre-emptive rights and certain tag along and drag along rights upon a sale of the ADGM Entity. Furthermore, there are five year restrictive covenants which, inter alia, prevent Marathon from competing in the UAE with the Business or with the business of Zero Two or any of certain related parties and prevent Zero Two from competing in the U.S. with the business of Marathon.

The Company also made progress in installing and energizing its operations at various locations throughout the US, and in particular its two North Dakota sites. The Garden City, TX site is fully installed but is pending regulatory approval and was therefore not yet operational at June 30, 2023. Bitcoin production increased to 2,926 bitcoin during the three months ended June 30, 2023, an average of 32.2 bitcoin per day. During the three months ended June 30, 2022, the Company produced 1,259 bitcoin, an average of 14.0 bitcoin per day. The 314% increase in production was primarily the result of increasing the scale of the Company’s operations.

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Bitcoin prices also rebounded significantly during the 2023 period, increasing from \$16,548 per bitcoin at December 31, 2022 to \$30,467 per bitcoin at June 30, 2023. This increase in the market value of bitcoin resulted in lower levels of impairment recorded during the period, and a higher market value of the Company's bitcoin holdings at June 30, 2023 compared with December 31, 2022.

The Company also commenced a program to sell some of its bitcoin as a means of offsetting monthly cash operating costs. The Company sold 4,754 bitcoin for total proceeds of \$113,928, realizing gains on sales of bitcoin of \$40,120 during the six months ended June 30, 2023. There were no such sales in the prior-year period.

The Company terminated its credit facilities with Silvergate Bank and responded to the closure of Signature Bank by diversifying its cash management services among multiple institutions. Key activities during the period related to these efforts included the following:

- On February 6, 2023, the Company provided Silvergate Bank with the required 30-day notice stating the Company's intent to prepay the outstanding balance on its term loan facility as well as the Company's intent to terminate the term loan facility. The Company and Silvergate Bank subsequently agreed to terminate the RLOC facility. On March 8, 2023, the Company prepaid the term loan and terminated the RLOC facility with Silvergate Bank.
- On March 12, 2023, Signature Bank was closed by the New York State Department of Financial Services. On that same date the FDIC was appointed as receiver and transferred all the deposits and substantially all of the assets of Signature Bank to Signature Bridge Bank, N.A., a full-service bank that was being operated by the FDIC. The Company held approximately \$142,000 of cash deposits at Signature Bridge Bank, N.A. when normal banking activities resumed on March 13, 2023. The Company reduced its balances at Signature Bridge Bank and its successor institution by transferring funds to other financial institutions and through other treasury management activities. The Company no longer has any deposits at Signature Bank or its successor.
- On June 5, 2023, the Company entered into a securities purchase agreement for the purchase of 15,000 shares of Series A redeemable convertible preferred stock. On June 8, 2023, upon closing of the offering, the Company issued 15,000 shares of Series A Preferred Stock for total gross proceeds of \$14,286 before deducting the placement agent's fees and other estimated offering expenses. Each share of Series A Preferred Stock had a purchase price of \$952.38, representing an original issue discount of approximately 5% of the \$1,000 stated value of each share. Each share of Series A Preferred Stock is convertible into shares of the Company's common stock at an initial conversion price of \$14.52 per share, at the option of the holder, at any time following the Company's receipt of stockholder approval for an increase in its authorized shares of common stock. All of the Series A Preferred Stock has been redeemed.

THE OFFERING

Common stock offered by us pursuant to this prospectus	Shares of our common stock having an aggregate offering price of up to \$750 million.
Common stock to be outstanding after this offering	Up to 314,170,499 shares, assuming the sale of 97,276,265 shares at a sales price of \$7.71 per share, which was the closing price on the Nasdaq Capital Market on October 19, 2023. The actual number of shares issued and outstanding will vary depending on the price at which shares may be sold from time to time during this offering.
Manner of offering	“At the market offering” that may be made from time to time on the Nasdaq Capital Market or other trading market for our common stock in the U.S. through our sales agent, H.C. Wainwright & Co., LLC. See the section entitled “Plan of Distribution” on page S-9 of this prospectus.
Use of proceeds	We intend to use to use a substantial portion of the net proceeds to purchase additional Bitcoin Mining servers. The remaining proceeds will be used for general corporate purposes. See the section entitled “Use of Proceeds” on page S-7 of this prospectus.
Risk factors	See “Risk Factors” beginning on page S-6 of this prospectus supplement and the other information included in, or incorporated by reference into, our prospectus for a discussion of certain factors you should carefully consider before deciding to invest in shares of our common stock.
Nasdaq Capital Market symbol	MARA

The number of shares of our common stock to be outstanding immediately after this offering is based on 216,894,234 shares of common stock issued and outstanding as of October 19, 2023.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Certain statements made herein that look forward in time or express management's expectations or beliefs with respect to the occurrence of future events are forward-looking statements as defined under Section 21E of the Securities Exchange Act of 1934, as amended, and are subject to the safe harbor created therein for forward-looking statements. Such statements include, but are not limited to, statements concerning our anticipated operating results, research and development, clinical trials, regulatory proceedings, and financial resources, and can be identified by use of words such as, for example, "anticipate," "estimate," "expect," "project," "intend," "plan," "believe" and "would," "should," "could" or "may." All statements, other than statements of historical facts, included herein that address activities, events, or developments that the Company expects or anticipates will or may occur in the future, are forward-looking statements, including statements regarding:

- our early stage of development;
- we have incurred significant operating losses since our inception and cannot assure you that we will generate revenue or profit;
- our dependence on additional outside capital;
- we may be unable to enter into strategic partnerships for the development, commercialization, manufacturing and distribution of our proposed product candidates;
- uncertainties related to our technology and clinical trials;
- we may be unable to demonstrate the efficacy and safety of our developmental product candidates in human trials;
- we may be unable to improve upon, protect and/or enforce our intellectual property;
- we are subject to extensive and costly regulation by the U.S. Food and Drug Administration (FDA) and by foreign regulatory authorities, which must approve our product candidates in development and could restrict the sales and marketing and pricing of such products;
- competition and stock price volatility in the biotechnology industry;
- limited trading volume for our stock, concentration of ownership of our stock, and other risks detailed herein and from time to time in our SEC reports; and
- other risks detailed herein and from time to time in our SEC reports, including our Annual Report on Form 10-K filed with the SEC for the fiscal year ended December 31, 2022, and our subsequent SEC filings.

We caution investors that actual results or business conditions may differ materially from those projected or suggested in forward-looking statements as a result of various factors including, but not limited to, those described above and in the Risk Factors section of our annual report on Form 10-K for the year ended December 31, 2022, and our subsequent SEC filings. All forward-looking statements contained or incorporated by reference in this prospectus are expressly qualified in their entirety by these cautionary statements. Unless required by law, we undertake no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

RISK FACTORS

Investment in our common stock involves risks. Before deciding whether to invest in our common stock, you should consider carefully the risk factors discussed below and those contained in the section entitled "Risk Factors" contained in our Annual Report on Form 10-K for the year ended December 31, 2022, as filed with the SEC on March 16, 2023, which is incorporated herein by reference in its entirety, as well as any amendment or update to our risk factors reflected in subsequent filings with the SEC. If any of the risks or uncertainties described in our SEC filings actually occurs, our business, financial condition, results of operations or cash flow could be materially and adversely affected. This could cause the trading price of our common stock to decline, resulting in a loss of all or part of your investment. The risks and uncertainties we have described are not the only ones facing our company. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business operations.

Risks Associated with this Offering

We have broad discretion in the use of the net proceeds of this offering and may not use them effectively.

We intend to use a substantial portion of the net proceeds for working capital purposes. The remaining proceeds will be used for general corporate purposes. Our management will have broad discretion in the application of the net proceeds from this offering and could spend the proceeds in ways that do not improve our results of operations or enhance the value of our common stock. The failure by management to apply these funds effectively could result in financial losses that could have a material adverse effect on our business, cause the price of our common stock to decline and delay the development of our product candidates.

You may experience future dilution as a result of future equity offerings.

In order to raise additional capital, we may in the future offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that may not be the same as the price per share in this offering. We may sell shares or other securities in any other offering at a price per share that is less than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock, or securities convertible or exchangeable into common stock, in future transactions may be higher or lower than the price per share paid by investors in this offering.

The common stock offered hereby will be sold in “at-the-market” offerings, and investors who buy shares at different times will likely pay different prices.

Investors who purchase shares in this offering at different times will likely pay different prices, and so may experience different outcomes in their investment results. We will have discretion, subject to market demand, to vary the timing, prices and numbers of shares sold, and there is no minimum or maximum sales price. Investors may experience a decline in the value of their shares as a result of share sales made at prices lower than the prices they paid.

The actual number of shares we will issue under the sales agreement, at any one time or in total, is uncertain.

Subject to certain limitations in the sales agreement and compliance with applicable law, we have the discretion to deliver a sales notice to Wainwright at any time throughout the term of the sales agreement. The number of shares that are sold by Wainwright after we deliver a sales notice will fluctuate based on the market price of the common stock during the sales period and limits we set with Wainwright. Because the price per share of each share sold will fluctuate based on the market price of our common stock during the sales period, it is not possible at this stage to predict the number of shares that will be ultimately issued.

You will experience immediate and substantial dilution.

The offering price per share in this offering may exceed the net tangible book value per share of our common stock outstanding prior to this offering. Assuming that an aggregate of 97,276,265 shares of our common stock are sold at a price of \$7.71 per share, the last reported sale price of our common stock on the Nasdaq Capital Market on October 19, 2023, for aggregate gross proceeds of \$750 million, you will experience immediate dilution of \$2.78 per share, representing the difference between our as adjusted net tangible book value per share as of June 30, 2023 after giving effect to this offering and the assumed offering price. The exercise of outstanding stock options and warrants, or the conversion of outstanding preferred stock into common stock, will result in further dilution of your investment. See the section entitled “Dilution” below for a more detailed illustration of the dilution you would incur if you participate in this offering.

USE OF PROCEEDS

We may issue and sell shares of our common stock having aggregate sales proceeds of up to \$750 million from time to time. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. We estimate that the net proceeds from the sale of the shares of common stock that we are offering may be up to approximately \$727 million, after deducting Wainwright’s commission and estimated offering expenses payable by us.

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We intend to use a substantial portion of the net proceeds to purchase additional Bitcoin Mining servers. The remaining proceeds will be used for general corporate purposes.

DIVIDEND POLICY

We have never declared or paid any cash dividends on our common stock. We currently intend to retain any future earnings and do not expect to declare or pay any cash dividends in the foreseeable future. Any future determination to pay dividends will be at the discretion of our board of directors, subject to applicable laws, and will depend on our financial condition, results of operations, capital requirements, general business conditions and other factors that our board of directors considers relevant.

DILUTION

If you invest in our common stock, your interest will be diluted to the extent of the difference between the price per share you pay in this offering and the net tangible book value per share of our common stock immediately after this offering. Our net tangible book value of our common stock as of June 30, 2023 was approximately \$610 million, or approximately \$3.50 per share of common stock based upon 174,209,038 shares outstanding on that date. Net tangible book value per share is equal to our total tangible assets, less our total liabilities, divided by the total number of shares outstanding as of June 30, 2023.

After giving effect to the sale of our common stock in the aggregate amount of \$750 million at an assumed offering price of \$7.71 per share, the last reported sale price of our common stock on The Nasdaq Capital Market on October 19, 2023, and after deducting estimated offering commissions and expenses payable by us, our net tangible book value as of September 30, 2021 would have been approximately \$1,337,496,000, or \$4.93 per share of common stock. This represents an immediate increase in net tangible book value of \$1.42 per share to our existing stockholders and an immediate dilution in net tangible book value of \$2.78 per share to new investors in this offering.

The following table illustrates this calculation on a per share basis:

Assumed Offering price per share	\$	7.71
Net tangible book value per share as of June 30, 2023	\$	3.50
Increase in net tangible book value per share attributable to the offering	\$	1.44
As-adjusted net tangible book value per share after giving effect to the offering	\$	4.94
Dilution in net tangible book value per share to new investors	\$	2.78

The number of shares of our common stock to be outstanding immediately after this offering is based on 174,209,038 shares of our common stock outstanding as of June 30, 2023.

The foregoing table does not give effect to the exercise of any outstanding options, restricted stock units or warrants or the conversion of preferred stock to common stock. To the extent options and warrants are exercised, or to the extent preferred stock is converted to common stock, there may be further dilution to new investors.

The table above assumes for illustrative purposes that an aggregate of 97,276,265 shares of our common stock are sold at a price of \$7.71 per share, the last reported sale price of our common stock on the Nasdaq Capital Market on October 19, 2023, for aggregate gross proceeds of \$750,000,000. The shares, if any, sold in this offering will be sold from time to time at various prices.

PLAN OF DISTRIBUTION

We have entered into an At The Market Offering Agreement, or the sales agreement, with H.C. Wainwright & Co., LLC, or Wainwright, under which we may issue and sell our common stock from time to time through Wainwright acting as sales agent, subject to certain limitations, including the number of shares registered under the registration statement to which the offering relates. The sales, if any, of shares made under the sales agreement will be made by any method that is deemed an “at the market offering” as defined in Rule 415 promulgated under the Securities Act. If we and Wainwright agree on any method of distribution other than sales of shares of our common stock on or through the Nasdaq Capital Market or another existing trading market in the United States at market prices, we will file a further prospectus supplement providing all information about such offering as required by Rule 424(b) under the Securities Act.

Each time we wish to issue and sell common stock under the sales agreement, we will notify Wainwright of the number of shares to be issued, the dates on which such sales are anticipated to be made, any minimum price below which sales may not be made and other sales parameters as we deem appropriate. Once we have so instructed Wainwright, unless Wainwright declines to accept the terms of the notice, Wainwright has agreed to use its commercially reasonable efforts consistent with its normal trading and sales practices to sell such shares up to the amount specified on such terms. The obligations of Wainwright under the sales agreement to sell our common stock are subject to a number of conditions that we must meet. We may instruct Wainwright not to sell common stock if the sales cannot be effected at or above the price designated by us from time to time. We or Wainwright may suspend the offering of common stock upon notice and subject to other conditions.

We will pay Wainwright commissions for its services in acting as agent in the sale of common stock. Wainwright will be entitled to a commission in an amount equal to up to 3.0% of the gross proceeds from the sale of common stock offered hereby. In addition, we have agreed to reimburse Wainwright for fees and disbursements related to its legal counsel in an amount not to exceed \$100,000. We estimate that the total expenses for the offering, excluding compensation payable to Wainwright under the terms of the sales agreement, will be approximately \$250,000.

Settlement for sales of common stock will generally occur on the second business day following the date on which any sales are made, or such shorter settlement cycle that is in effect under Exchange Act Rule 15c6-1 from time to time, or on some other date that is agreed upon by us and Wainwright in connection with a particular transaction, in return for payment of the net proceeds to us. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

In connection with the sale of the common stock on our behalf in this “at the market offering”, Wainwright will be deemed to be an “underwriter” within the meaning of the Securities Act and the compensation of Wainwright will be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to Wainwright against certain civil liabilities, including liabilities under the Securities Act or the Exchange Act.

The offering of our common stock pursuant to the sales agreement will terminate upon the earlier of (i) the sale of all of our common stock provided for in this prospectus or (ii) termination of the sales agreement as provided therein.

Wainwright and its affiliates may in the future provide various investment banking and other financial services for us and our affiliates, for which services they may in the future receive customary fees. To the extent required by Regulation M, Wainwright will not engage in any market making activities involving our common stock while the offering is ongoing under this prospectus.

LEGAL MATTERS

The validity of the common stock offered hereby will be passed upon by Jolie Kahn, Esq., NY, NY. Ellenoff Grossman & Schole LLP, New York, New York, is counsel for Wainwright in connection with this offering.

EXPERTS

The consolidated balance sheets of Marathon Digital Holdings, Inc. as of December 31, 2022 and December 31, 2021, and the related consolidated statements of operations stockholders’ equity, and cash flows for the years then ended have been audited by Marcum, LLP, as stated in their report, which is incorporated herein by reference. Such consolidated financial statements are incorporated herein by reference in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file reports with the SEC on an annual basis using Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K. You may read and copy any such reports and amendments thereto at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549 on official business days during the hours of 10:00 a.m. to 3:00 p.m. Please call the SEC at 1-800-SEC-0330 for information on the Public Reference Room. Additionally, the SEC maintains a website that contains annual, quarterly, and current reports, proxy statements, and other information that issuers (including us) file electronically with the SEC. The SEC's website address is <http://www.sec.gov>. You can also obtain copies of materials we file with the SEC from our Internet website found at www.marathonpg.com. Our stock is quoted on the Nasdaq Capital Market under the symbol "MARA."

This prospectus is only part of a registration statement on Form S-3 that we have filed with the SEC under the Securities Act and therefore omits certain information contained in the registration statement. We have also filed exhibits and schedules with the registration statement that are excluded from this prospectus, and you should refer to the applicable exhibit or schedule for a complete description of any statement referring to any contract or other document. You may inspect a copy of the registration statement, including the exhibits and schedules, without charge, at the public reference room or obtain a copy from the SEC upon payment of the fees prescribed by the SEC.

INCORPORATION BY REFERENCE

This prospectus is part of a registration statement filed with the SEC. The SEC allows us to "incorporate by reference" into this prospectus the information that we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. The following documents are incorporated by reference and made a part of this prospectus:

- Annual Report on [Form 10-K](#) for the year ended December 31, 2022 filed on March 16, 2023, as amended by Amendment No. 1 to [Form 10-K](#), filed on April 28, 2023 and Quarterly Reports on Form 10-Q for the quarters ended March 31, 2023 and June 30, 2023, filed on [May 10, 2023](#) and [August 8, 2023](#), respectively;
- Our Definitive Proxy Statements on Schedule 14A and accompanying additional proxy materials filed with the SEC on [June 23, 2023](#), [August 28, 2023](#) and [October 13, 2023](#);
- Current Reports on Form 8-K (excluding any reports or portions thereof that are deemed to be furnished and not filed) filed on [January 27, 2023](#), [February 28, 2023](#), [March 8, 2023](#), [March 31, 2023](#), [May 8, 2023](#), [June 6, 2023](#), [June 9, 2023](#), [June 14, 2023](#), [July 20, 2023](#), [July 21, 2023](#), [July 31, 2023](#), [August 3, 2023](#), [August 8, 2023](#), [September 8, 2023](#), [September 12, 2023](#), [September 21, 2023](#), [September 28, 2023](#), [October 2, 2023](#), [October 4, 2023](#) and [October 18, 2023](#); and
- Our registration statement on Form 8-A filed on [April 12, 2012](#) and [July 22, 2014](#).

We also incorporate by reference all additional documents that we file with the Securities and Exchange Commission under the terms of Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act that are made after the date of the initial registration statement but prior to effectiveness of the registration statement and after the date of this prospectus but prior to the termination of the offering of the securities covered by this prospectus. We are not, however, incorporating, in each case, any documents or information that we are deemed to furnish and not file in accordance with Securities and Exchange Commission rules.

You may request, and we will provide you with, a copy of these filings, at no cost, by calling us at (800) 804-1690 or by writing to us at the following address:

Marathon Digital Holdings, Inc.
101 NE Third Avenue, Suite 1200
[Fort Lauderdale, FL 33301](#)

\$750,000,000

MARATHON DIGITAL HOLDINGS, INC.

Common Stock

PROSPECTUS SUPPLEMENT

H.C. Wainwright & Co.

October 24, 2023

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the costs and expenses payable by the Registrant in connection with this offering, other than underwriting commissions and discounts, all of which are estimated except for the SEC registration fee.

Item	Amount
SEC registration fee	\$ 110,700
Printing and engraving expenses	*
Legal fees and expenses	*
Accounting fees and expenses	*
Transfer agent and registrar's fees and expenses	*
Miscellaneous expenses	*
Total	\$ *

* Unable to calculate and to be disclosed by prospectus supplement.

Item 15. Indemnification of Directors and Officers.

Nevada Revised Statutes Sections 78.7502 and 78.751 provide us with the power to indemnify any of our directors and officers. The director or officer must have conducted himself/herself in good faith and reasonably believe that his/her conduct was in, or not opposed to, our best interests. In a criminal action, the director, officer, employee or agent must not have had reasonable cause to believe his/her conduct was unlawful.

Under Nevada Revised Statutes Section 78.751, advances for expenses may be made by agreement if the director or officer affirms in writing that he/she believes he/she has met the standards and will personally repay the expenses if it is determined such officer or director did not meet the standards.

Our Articles of Incorporation provide that our officers and directors shall be indemnified and held harmless to the fullest extent legally permissible under the laws of the State of Nevada against all expenses, liability and loss (including attorneys' fees, judgments, fines and amounts paid or to be paid in settlement) reasonably incurred or suffered by them in connection with any civil, criminal, administrative or investigative action, suit or proceeding related to their service as an officer or director. Such right of indemnification shall be a contract right which may be enforced in any manner desired by such person. We must pay the expenses of officers and directors incurred in defending a civil or criminal action, suit or proceeding as they are incurred and in advance of the final disposition of the action, suit or proceeding, upon receipt of an undertaking by or on behalf of the director or officer to repay the amount if it is ultimately determined by a court of competent jurisdiction that he is not entitled to be indemnified by us. Such right of indemnification shall not be exclusive of any other right which such directors or officers may have or hereafter acquire.

Our Articles of Incorporation provide that we may adopt bylaws to provide at all times the fullest indemnification permitted by the laws of the State of Nevada, and may purchase and maintain insurance on behalf of any of officers and directors. The indemnification provided in our Articles of Incorporation shall continue as to a person who has ceased to be a director, officer, employee or agent, and shall inure to the benefit of the heirs, executors and administrators of such person.

Our Bylaws provide that a director or officer shall have no personal liability to us or our stockholders for damages for breach of fiduciary duty as a director or officer, except for damages for breach of fiduciary duty resulting from (a) acts or omissions which involve intentional misconduct, fraud, or a knowing violation of law, or (b) the payment of dividends in violation of Nevada Revised Statutes Section 78.300.

Item 16. Exhibits.

Exhibit Number	Description of Document
1.1	Placement Agency Agreement*
1.2	Form of Underwriting Agreement.*
3.1	Amended and Restated Articles of Incorporation of the Company dated November 25, 2011. (1)
3.2	Certificate of Amendment to Articles of Incorporation dated February 15, 2013. (2)
3.3	Certificate of Amendment to Amended and Restated Articles of Incorporation dated July 18, 2013 (3) Certificate of Amendment to Articles of Incorporation dated February 15, 2013. (2)
3.4	Certificate of Amendment to Articles of Incorporation dated October 25, 2017. (4) Certificate of Amendment to Amended and Restated Articles of Incorporation dated July 18, 2013 (3)
3.5	Certificate of Amendment to Articles of Incorporation dated October 25, 2017. (4)
3.6	Certificate of Amendment to Articles of Incorporation dated April 8, 2019 (10)
3.7	Certificate of Amendment to Articles of Incorporation dated August 1, 2023 (11)
3.6	Amended and Restated Bylaws of the Company dated November 25, 2011. (5)
4.1	Certificate of Designation of Preferences, Rights and Limitations of Series B Convertible Preferred Stock. (6)
4.2	Certificate of Designation of Rights, Powers, Preferences, Privileges and Restrictions of 0% Series E Convertible Preferred Stock. (7) Certificate of Designation of Preferences, Rights and Limitations of Series B Convertible Preferred Stock. (6)
4.3	Certificate of Correction to Certificate of Designation of Rights, Powers, Preferences, Privileges and Restrictions of 0% Series E Convertible Preferred Stock. (8) Certificate of Designation of Rights, Powers, Preferences, Privileges and Restrictions of 0% Series E Convertible Preferred Stock. (7)
4.4	Form of proposed Certificate of Designation of Preferences, Rights and Limitations of 0% Series E-1 Convertible Preferred Stock. (9) Certificate of Correction to Certificate of Designation of Rights, Powers, Preferences, Privileges and Restrictions of 0% Series E Convertible Preferred Stock. (8)
4.5	Form of proposed Certificate of Designation of Preferences, Rights and Limitations of 0% Series E-1 Convertible Preferred Stock. (9)
4.6	Form of Certificate of Designation.*
4.7	Form of Preferred Stock Certificate.*
4.8	Form of Warrant Agreement.*
4.9	Form of Warrant Certificate.*
4.10	Form of Stock Purchase Agreement.*
4.11	Form of Unit Agreement.*
4.12	Form of At The Market Offering Agreement**
5.1	Opinion of Jolie Kahn, Esq.**
23.1	Consent of Marcum, LLP**
23.2	Consent of Jolie Kahn, Esq. (contained in Exhibit 5.1)
23.3	Consent of RBSM, LLP**
107	EX -Filing Fees

* To be filed by amendment or by a Current Report on Form 8-K and incorporated by reference herein.

** Filed herewith.

- (1) Previously filed as Exhibit 3.1 to Current Report on Form 8-K filed December 9, 2011 and incorporated herein by reference.
- (2) Previously filed as Exhibit 3.1 to Current Report on Form 8-K filed February 20, 2013 and incorporated herein by reference.
- (3) Previously filed as Exhibit 3.1 to Current Report on Form 8-K filed July 19, 2013 and incorporated herein by reference.
- (4) Previously filed as Exhibit 3.4 to Registration Statement on Form S-4 filed January 24, 2018 and incorporated herein by reference.
- (5) Previously filed as Exhibit 3.2 to Current Report on Form 8-K filed December 9, 2011 and incorporated herein by reference.
- (6) Previously filed as Exhibit 3.2 to Current Report on Form 8-K filed May 7, 2014 and incorporated herein by reference.
- (7) Previously filed as Exhibit 4.1 to Current Report on Form 8-K filed December 1, 2017 and incorporated herein by reference.
- (8) Previously filed as Exhibit 4.1 to Current Report on Form 8-K filed December 22, 2017 and incorporated herein by reference.
- (9) Previously filed as Exhibit 4.4 to Registration Statement on Form S-4 filed January 24, 2018 and incorporated herein by reference.
- (10) Previously filed as Exhibit 3.1 to Current Report on Form 8-K filed April 25, 2019 and incorporated herein by reference.
- (11) Previously filed as Exhibit 3.1 to Current Report on Form 8-K filed August 3, 2023 and incorporated herein by reference.

Item 17. Undertakings

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, Paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the registration statement is on Form S-3 and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date; or

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The registrant hereby undertakes that for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

(d) The registrant hereby undertakes that:

(1) For purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.

(2) For the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing Form S-3 and has duly caused this registration statement or Amendment thereto to be signed on its behalf by the undersigned, thereunto duly authorized, in Las Vegas, NV, on October 24, 2023.

MARATHON DIGITAL HOLDINGS, INC.

By: /s/ Fred Thiel

Name: Fred Thiel

Title: Chief Executive Officer and Executive Chairman
(Principal Executive Officer)

By: /s/ Salman Khan

Name: Salman Khan

Title: Chief Financial Officer
(Principal Financial and Accounting Officer)

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Fred Thiel</u> Fred Thiel	Chief Executive Officer and Executive Chairman (Principal Executive Officer)	October 24, 2023
<u>/s/ Salman Khan</u> Salman Khan	Chief Financial Officer (Principal Financial and Accounting Officer)	October 24, 2023
<u>/s/ Kevin DeNuccio</u> Kevin DeNuccio	Director	October 24, 2023
<u>/s/ Sarita James</u> Sarita James	Director	October 24, 2023
<u>/s/ Said Ouissal</u> Said Ouissal	Director	October 24, 2023
<u>/s/ Georges Antoun</u> Georges Antoun	Director	October 24, 2023
<u>/s/ Jay Leupp</u> Jay Leupp	Director	October 24, 2023
<u>/s/ Douglas Mellinger</u> Douglas Mellinger	Director	October 24, 2023

AT THE MARKET OFFERING AGREEMENT

October 24, 2023

H.C. Wainwright & Co., LLC
430 Park Avenue
New York, NY 10022

Ladies and Gentlemen:

Marathon Digital Holdings, Inc., a corporation organized under the laws of the State of Nevada (the “Company”), confirms its agreement (this “Agreement”) with H.C. Wainwright & Co., LLC (the “Manager”) as follows:

1. Definitions. The terms that follow, when used in this Agreement and any Terms Agreement, shall have the meanings indicated.

“Accountants” shall have the meaning ascribed to such term in Section 4(m).

“Act” shall mean the Securities Act of 1933, as amended, and the rules and regulations of the Commission promulgated thereunder.

“Action” shall have the meaning ascribed to such term in Section 3(q).

“Affiliate” shall have the meaning ascribed to such term in Section 3(p).

“Applicable Time” shall mean, with respect to any Shares, the time of sale of such Shares pursuant to this Agreement or any relevant Terms Agreement.

“Base Prospectus” shall mean the base prospectus contained in the Registration Statement at the Execution Time.

“Board” shall have the meaning ascribed to such term in Section 2(b)(iii).

“Broker Fee” shall have the meaning ascribed to such term in Section 2(b)(v).

“Business Day” shall mean any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed; provided, however, that, for purposes of clarity, commercial banks shall not be deemed to be authorized or required by law to remain closed due to “stay at home”, “shelter-in-place”, “non-essential employee” or any other similar orders or restrictions or the closure of any physical branch locations at the direction of any governmental authority so long as the electronic funds transfer systems (including for wire transfers) of commercial banks in The City of New York generally are open for use by customers on such day.

“Commission” shall mean the United States Securities and Exchange Commission.

“Common Stock” shall have the meaning ascribed to such term in Section 2.

“Common Stock Equivalents” shall have the meaning ascribed to such term in Section 3(g).

“Company Counsel” shall have the meaning ascribed to such term in Section 4(l).

“DTC” shall have the meaning ascribed to such term in Section 2(b)(vii).

“Effective Date” shall mean each date and time that the Registration Statement and any post-effective amendment or amendments thereto became or becomes effective.

“Exchange Act” shall mean the Securities Exchange Act of 1934, as amended, and the rules and regulations of the Commission promulgated thereunder.

“Execution Time” shall mean the date and time that this Agreement is executed and delivered by the parties hereto.

“Filing Date” shall have the meaning ascribed to such term in Section 4(w).

“Free Writing Prospectus” shall mean a free writing prospectus, as defined in Rule 405.

“GAAP” shall have the meaning ascribed to such term in Section 3(n).

“Incorporated Documents” shall mean the documents or portions thereof filed with the Commission on or prior to the Effective Date that are incorporated by reference in the Registration Statement or the Prospectus and any documents or portions thereof filed with the Commission after the Effective Date that are deemed to be incorporated by reference in the Registration Statement or the Prospectus.

“Intellectual Property Rights” shall have the meaning ascribed to such term in Section 3(v).

“Issuer Free Writing Prospectus” shall mean an issuer free writing prospectus, as defined in Rule 433.

“Losses” shall have the meaning ascribed to such term in Section 7(d).

“Material Adverse Effect” shall have the meaning ascribed to such term in Section 3(b).

“Material Permits” shall have the meaning ascribed to such term in Section 3(t).

“Net Proceeds” shall have the meaning ascribed to such term in Section 2(b)(v).

“Permitted Free Writing Prospectus” shall have the meaning ascribed to such term in Section 4(g).

“Placement” shall have the meaning ascribed to such term in Section 2(c).

“Proceeding” shall have the meaning ascribed to such term in Section 3(b).

“Prospectus” shall mean the Base Prospectus, as supplemented by the Prospectus Supplement in the Registration Statement at the first date and time that the Registration Statement becomes effective, and any subsequently filed Prospectus Supplement.

“Prospectus Supplement” shall mean the prospectus supplement relating to the Shares contained in the Registration Statement at the first date and time that the Registration Statement becomes effective, and any other prospectus supplement relating to the Shares prepared and filed pursuant to Rule 424(b) from time to time.

“Registration Statement” shall mean the automatic shelf registration statement on Form S-3ASR registering securities of the Company that was declared effective upon its filing with the Commission on or about October __, 2023, including or incorporating by reference exhibits and financial statements and any prospectus supplement relating to the Shares that is filed with the Commission pursuant to Rule 424(b) and deemed part of such registration statement pursuant to Rule 430B, as amended on each Effective Date and, in the event any post-effective amendment thereto becomes effective, shall also mean such registration statement as so amended.

“Representation Date” shall have the meaning ascribed to such term in Section 4(k).

“Required Approvals” shall have the meaning ascribed to such term in Section 3(e).

“Rule 158”, “Rule 164”, “Rule 172”, “Rule 173”, “Rule 405”, “Rule 415”, “Rule 424”, “Rule 430B” and “Rule 433” refer to such rules under the Act.

“Sales Notice” shall have the meaning ascribed to such term in Section 2(b)(i).

“SEC Reports” shall have the meaning ascribed to such term in Section 3(m).

“Settlement Date” shall have the meaning ascribed to such term in Section 2(b)(vii).

“Subsidiary” shall have the meaning ascribed to such term in Section 3(a).

“Terms Agreement” shall have the meaning ascribed to such term in Section 2(a).

“Time of Delivery” shall have the meaning ascribed to such term in Section 2(c).

“Trading Day” means a day on which the Trading Market is open for trading.

“Trading Market” means Nasdaq Capital Market.

2. Sale and Delivery of Shares. The Company proposes to issue and sell through or to the Manager, as sales agent and/or principal, from time to time during the term of this Agreement and on the terms set forth herein, up to the lesser of such number of shares (the "Shares") of the Company's Common Stock, \$0.0001 par value per share ("Common Stock"), that does not exceed (a) the number of authorized but unissued shares of Common Stock (less the number of shares of Common Stock issuable upon exercise, conversion or exchange of any outstanding securities of the Company or otherwise reserved from the Company's authorized capital stock) or (b) dollar amount of shares of Common Stock that would cause the Company or the offering of the Shares to not satisfy the eligibility and transaction requirements for use of Form S-3 (including, if applicable, General Instruction I.B.6 of Registration Statement on Form S-3 (the lesser of (a) and (b), the "Maximum Amount"). Notwithstanding anything to the contrary contained herein, the parties hereto agree that compliance with the limitations set forth in this Section 2 on the number and aggregate sales price of Shares issued and sold under this Agreement shall be the sole responsibility of the Company and that the Manager shall have no obligation in connection with such compliance.

(a) Appointment of Manager as Selling Agent; Terms Agreement. For purposes of selling the Shares through the Manager, the Company hereby appoints the Manager as exclusive agent of the Company for the purpose of selling the Shares of the Company pursuant to this Agreement and the Manager agrees to use its commercially reasonable efforts to sell the Shares on the terms and subject to the conditions stated herein. The Company agrees that, whenever it determines to sell the Shares directly to the Manager as principal, it will enter into a separate agreement (each, a "Terms Agreement") in substantially the form of Annex 1 hereto, relating to such sale in accordance with Section 2 of this Agreement.

(b) Agent Sales. Subject to the terms and conditions and in reliance upon the representations and warranties herein set forth, following the effectiveness of the Registration Statement, the Company will issue and agrees to sell Shares from time to time through the Manager, acting as sales agent, and the Manager agrees to use its commercially reasonable efforts to sell, as sales agent for the Company, on the following terms:

(i) The Shares are to be sold on a daily basis or otherwise as shall be agreed to by the Company and the Manager on any day that (A) is a Trading Day, (B) the Company has instructed the Manager by telephone (confirmed promptly by electronic mail) to make such sales ("Sales Notice") and (C) the Company has satisfied its obligations under Section 6 of this Agreement. The Company will designate the maximum amount of the Shares to be sold by the Manager daily (subject to the limitations set forth in Section 2(d)) and the minimum price per Share at which such Shares may be sold. Subject to the terms and conditions hereof, the Manager shall use its commercially reasonable efforts to sell on a particular day all of the Shares designated for the sale by the Company on such day. The gross sales price of the Shares sold under this Section 2(b) shall be the market price for the shares of Common Stock sold by the Manager under this Section 2(b) on the Trading Market at the time of sale of such Shares.

(ii) The Company acknowledges and agrees that (A) there can be no assurance that the Manager will be successful in selling the Shares, (B) the Manager will incur no liability or obligation to the Company or any other person or entity if it does not sell the Shares for any reason other than a failure by the Manager to use its commercially reasonable efforts consistent with its normal trading and sales practices and applicable law and regulations to sell such Shares as required under this Agreement, and (C) the Manager shall be under no obligation to purchase Shares on a principal basis pursuant to this Agreement, except as otherwise specifically agreed by the Manager and the Company pursuant to a Terms Agreement.

(iii) The Company shall not authorize the issuance and sale of, and the Manager shall not be obligated to use its commercially reasonable efforts to sell, any Share at a price lower than the minimum price therefor designated from time to time by the Company's Board of Directors (the "Board"), or a duly authorized committee thereof, or such duly authorized officers of the Company, and notified to the Manager in writing. The Company or the Manager may, upon notice to the other party hereto by telephone (confirmed promptly by electronic mail), suspend the offering of the Shares for any reason and at any time; provided, however, that such suspension or termination shall not affect or impair the parties' respective obligations with respect to the Shares sold hereunder prior to the giving of such notice.

(iv) The Manager may sell Shares by any method permitted by law deemed to be an "at the market offering" as defined in Rule 415 under the Act, including without limitation sales made directly on the Trading Market, on any other existing trading market for the Common Stock or to or through a market maker. The Manager may also sell Shares in privately negotiated transactions, provided that the Manager receives the Company's prior written approval for any sales in privately negotiated transactions and if so provided in the "Plan of Distribution" section of the Prospectus Supplement or a new Prospectus Supplement disclosing the terms of such privately negotiated transaction

(v) The compensation to the Manager for sales of the Shares under this Section 2(b) shall be a placement fee of up to 3.0% of the gross sales price of the Shares sold pursuant to this Section 2(b) ("Broker Fee"). The foregoing rate of compensation shall not apply when the Manager acts as principal, in which case the Company may sell Shares to the Manager as principal at a price agreed upon at the relevant Applicable Time pursuant to a Terms Agreement. The remaining proceeds, after deduction of the Broker Fee and deduction of any transaction fees imposed by any clearing firm, execution broker, or governmental or self-regulatory organization, including, without limitation, any fees for settlement, delivery or processing, in respect of such sales, shall constitute the net proceeds to the Company for such Shares (the "Net Proceeds").

(vi) The Manager shall provide written confirmation (which may be by facsimile or electronic mail) to the Company following the close of trading on the Trading Market each day in which the Shares are sold under this Section 2(b) setting forth the number of the Shares sold on such day, the aggregate gross sales proceeds and the Net Proceeds to the Company, and the compensation payable by the Company to the Manager with respect to such sales.

(vii) Unless otherwise agreed between the Company and the Manager, settlement for sales of the Shares will occur at 10:00 a.m. (New York City time) on the second (2nd) Trading Day (and on and after May 28, 2024, on the first (1st) Trading Day, or any such shorter settlement cycle as may be in effect pursuant to Rule 15c6-1 under the Exchange Act from time to time) following the date on which such sales are made (each, a “Settlement Date”). On or before the Trading Day prior to each Settlement Date, the Company will, or will cause its transfer agent to, electronically transfer the Shares being sold by crediting the Manager’s or its designee’s account (provided that the Manager shall have given the Company written notice of such designee at least one Trading Day prior to the Settlement Date) at The Depository Trust Company (“DTC”) through its Deposit and Withdrawal at Custodian System or by such other means of delivery as may be mutually agreed upon by the parties hereto which Shares in all cases shall be freely tradable, transferable, and registered shares in good deliverable form. On or prior to each Settlement Date, the Manager will deliver the related Net Proceeds in same day funds to an account designated by the Company. The Company agrees that, if the Company, or its transfer agent (if applicable), defaults in its obligation to deliver duly authorized Shares on a Settlement Date, in addition to and in no way limiting the rights and obligations set forth in Section 7 hereto, the Company will (i) hold the Manager harmless against any loss, claim, damage, or reasonable, documented expense (including reasonable and documented legal fees and expenses), as incurred, arising out of or in connection with such default by the Company, and (ii) pay to the Manager any commission, discount or other compensation to which the Manager would otherwise have been entitled absent such default.

(viii) At each Applicable Time, Settlement Date, Representation Date and Filing Date, the Company shall be deemed to have affirmed each representation and warranty contained in this Agreement as if such representation and warranty were made as of such date, modified as necessary to relate to the Registration Statement and the Prospectus as amended as of such date. Any obligation of the Manager to use its commercially reasonable efforts to sell the Shares on behalf of the Company shall be subject to the continuing accuracy of the representations and warranties of the Company herein, to the performance by the Company of its obligations hereunder and to the continuing satisfaction of the additional conditions specified in Section 6 of this Agreement.

(ix) If the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “Distribution” and the record date for the determination of shareholders entitled to receive the Distribution, the “Record Date”), the Company hereby covenants that, in connection with any sales of Shares pursuant to a Sales Notice on the Record Date, the Company covenants and agrees that the Company shall issue and deliver such Shares to the Manager on the Record Date and the Record Date shall be the Settlement Date and the Company shall cover any additional costs of the Manager in connection with the delivery of Shares on the Record Date.

(c) Term Sales. If the Company wishes to sell the Shares pursuant to this Agreement but other than as set forth in Section 2(b) of this Agreement (each, a “Placement”), the Company will notify the Manager of the proposed terms of such Placement. If the Manager, acting as principal, wishes to accept such proposed terms (which it may decline to do for any reason in its sole discretion) or, following discussions with the Company wishes to accept amended terms, the Manager and the Company will enter into a Terms Agreement setting forth the terms of such Placement. The terms set forth in a Terms Agreement will not be binding on the Company or the Manager unless and until the Company and the Manager have each executed such Terms Agreement accepting all of the terms of such Terms Agreement. In the event of a conflict between the terms of this Agreement and the terms of a Terms Agreement, the terms of such Terms Agreement will control. A Terms Agreement may also specify certain provisions relating to the reoffering of such Shares by the Manager. The commitment of the Manager to purchase the Shares pursuant to any Terms Agreement shall be deemed to have been made on the basis of the representations and warranties of the Company herein contained and shall be subject to the terms and conditions herein set forth. Each Terms Agreement shall specify the number of the Shares to be purchased by the Manager pursuant thereto, the price to be paid to the Company for such Shares, any provisions relating to rights of, and default by, underwriters acting together with the Manager in the reoffering of the Shares, and the time and date (each such time and date being referred to herein as a “Time of Delivery”) and place of delivery of and payment for such Shares. Such Terms Agreement shall also specify any requirements for opinions of counsel, accountants’ letters and officers’ certificates pursuant to Section 6 of this Agreement and any other information or documents required by the Manager.

(d) Maximum Number of Shares. Under no circumstances shall the Company cause or request the offer or sale of any Shares if, after giving effect to the sale of such Shares, the aggregate amount of Shares sold pursuant to this Agreement would exceed the lesser of (A) together with all sales of Shares under this Agreement, the Maximum Amount and (B) the amount authorized from time to time to be issued and sold under this Agreement by the Board, a duly authorized committee thereof or a duly authorized executive committee, and notified to the Manager in writing. Under no circumstances shall the Company cause or request the offer or sale of any Shares pursuant to this Agreement at a price lower than the minimum price authorized from time to time by the Board, a duly authorized committee thereof or a duly authorized executive officer, and notified to the Manager in writing. Further, under no circumstances shall the Company cause or permit the aggregate offering amount of Shares sold pursuant to this Agreement to exceed the Maximum Amount.

(e) Regulation M Notice. Unless the exceptive provisions set forth in Rule 101(c)(1) of Regulation M under the Exchange Act are satisfied with respect to the Shares, the Company shall give the Manager at least one Business Day's prior notice of its intent to sell any Shares in order to allow the Manager time to comply with Regulation M.

3. Representations and Warranties. The Company represents and warrants to, and agrees with, the Manager at the Execution Time and on each such time the following representations and warranties are repeated or deemed to be made pursuant to this Agreement, as set forth below or in the Registration Statement, the Prospectus or the Incorporated Documents.

(a) Subsidiaries. All of the direct and indirect subsidiaries (individually, a "Subsidiary") of the Company are set forth on Exhibit 21.1 to the Company's most recent Annual Report on Form 10-K filed with the Commission. The Company owns, directly or indirectly, all of the capital stock or other equity interests of each Subsidiary free and clear of any "Liens" (which for purposes of this Agreement shall mean a lien, charge, security interest, encumbrance, right of first refusal, preemptive right or other restriction), and all of the issued and outstanding shares of capital stock of each Subsidiary are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase securities.

(b) Organization and Qualification. The Company and each of the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization (as applicable), with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Neither the Company nor any Subsidiary is in violation or default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Each of the Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, could not reasonably be expected to result in (i) a material adverse effect on the legality, validity or enforceability of this Agreement, (ii) a material adverse change in the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, from that set forth in the Registration Statement, the Base Prospectus, any Prospectus Supplement, the Prospectus or the Incorporated Documents, or (iii) a material adverse effect on the Company's ability to perform in any material respect on a timely basis its obligations under this Agreement (any of (i), (ii) or (iii), a "Material Adverse Effect") and no "Proceeding" (which for purposes of this Agreement shall mean any action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened) has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

(c) Authorization and Enforcement. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and otherwise to carry out its obligations hereunder. The execution and delivery of this Agreement by the Company and the consummation by it of the transactions contemplated hereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, the Board or its stockholders in connection herewith other than in connection with the Required Approvals. This Agreement has been duly executed and delivered by the Company and constitutes the valid and binding obligation of the Company enforceable against the Company in accordance with its terms except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(d) No Conflicts. The execution, delivery and performance of this Agreement by the Company, the issuance and sale of the Shares and the consummation by the Company of the other transactions contemplated herein do not and will not (i) conflict with or violate any provision of the Company's or any Subsidiary's certificate or articles of incorporation, bylaws or other organizational or charter documents, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, anti-dilution or similar adjustments, acceleration or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt or other instrument (evidencing a Company or Subsidiary debt or otherwise) or other understanding to which the Company or any Subsidiary is a party or by which any property or asset of the Company or any Subsidiary is bound or affected, or (iii) subject to the Required Approvals, conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or a Subsidiary is subject (including federal and state securities laws and regulations), or by which any property or asset of the Company or a Subsidiary is bound or affected, except in the case of each of clauses (ii) and (iii), such as could not reasonably be expected to result in a Material Adverse Effect.

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other "Person" (defined as an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind, including the Trading Market) in connection with the execution, delivery and performance by the Company of this Agreement, other than (i) the filings required by this Agreement, (ii) the filing with the Commission of the Prospectus Supplement, (iii) the filing of application(s) to and approval by the Trading Market for the listing of the Shares for trading thereon in the time and manner required thereby, and (iv) such filings as are required to be made under applicable state securities laws and the rules and regulations of the Financial Industry Regulatory Authority, Inc. ("FINRA") (collectively, the "Required Approvals").

(f) Issuance of Shares. The Shares are duly authorized and, when issued and paid for in accordance with this Agreement, will be duly and validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company. The Company has reserved from its duly authorized capital stock the maximum number of shares of Common Stock issuable pursuant to this Agreement. The issuance by the Company of the Shares has been registered under the Act and all of the Shares are freely transferable and tradable by the purchasers thereof without restriction (other than any restrictions arising solely from an act or omission of such a purchaser). The Shares are being issued pursuant to the Registration Statement and the issuance of the Shares has been registered by the Company under the Act. The “Plan of Distribution” section within the Registration Statement permits the issuance and sale of the Shares as contemplated by this Agreement. Upon receipt of the Shares, the purchasers of such Shares will have good and marketable title to such Shares and the Shares will be freely tradable on the Trading Market.

(g) Capitalization. The capitalization of the Company is as set forth in the Registration Statement, the Base Prospectus, the Prospectus Supplement and the Prospectus. The Company has not issued any capital stock since its most recently filed periodic report under the Exchange Act, other than pursuant to the exercise of employee stock options under the Company’s stock option plans, the issuance of shares of Common Stock to employees pursuant to the Company’s employee stock purchase plan and pursuant to the conversion or exercise of securities exercisable, exchangeable or convertible into Common Stock (“Common Stock Equivalents”). No Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by this Agreement. Except (i) pursuant to the Company’s stock option plans and (ii) pursuant to agreements or instruments filed as exhibits to Incorporated Documents, there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire, any shares of Common Stock, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents. The issuance and sale of the Shares will not obligate the Company to issue shares of Common Stock or other securities to any Person. There are no outstanding securities or instruments of the Company or any Subsidiary with any provision that adjusts the exercise, conversion, exchange or reset price of such security or instrument upon an issuance of securities by the Company or any Subsidiary. Except pursuant to agreements or instruments filed as exhibits to Incorporated Documents, (i) there are no outstanding securities or instruments of the Company or any Subsidiary that contain any redemption or similar provisions, and there are no contracts, commitments, understandings or arrangements by which the Company or such Subsidiary and (ii) the Company does not have any stock appreciation rights or “phantom stock” plans or agreements or any similar plan or agreement. All of the outstanding shares of capital stock of the Company are duly authorized, validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. There are no stockholders agreements, voting agreements or other similar agreements with respect to the Company’s capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company’s stockholders.

(h) Registration Statement. The Company meets the requirements for use of Form S-3ASR under the Act and has prepared and filed with the Commission the Registration Statement, including a related Base Prospectus, for registration under the Act of the offering and sale of the Shares. Such Registration Statement is effective and available for the offer and sale of the Shares as of the date hereof. The Company has paid or, prior to any Settlement Date, will have paid, the necessary filing fees to the Commission with respect to the Registration Statement. As filed, the Base Prospectus contains all information required by the Act and the rules thereunder, and, except to the extent the Manager shall agree in writing to a modification, shall be in all substantive respects in the form furnished to the Manager prior to the Execution Time or prior to any such time this representation is repeated or deemed to be made. The Registration Statement, at the Execution Time, each such time this representation is repeated or deemed to be made, and at all times during which a prospectus is required by the Act to be delivered (whether physically or through compliance with Rule 172, 173 or any similar rule) in connection with any offer or sale of the Shares, meets the requirements set forth in Rule 415(a)(1)(x). The initial Effective Date of the Registration Statement was not earlier than the date three years before the Execution Time. The Company meets the transaction requirements with respect to the aggregate market value of securities being sold pursuant to this offering and during the twelve (12) months prior to this offering, as set forth in General Instruction I.B.6 of Form S-3, if applicable.

(i) Accuracy of Incorporated Documents. The Incorporated Documents, when they were filed with the Commission, conformed in all material respects to the requirements of the Exchange Act and the rules thereunder, and none of the Incorporated Documents, when they were filed with the Commission, contained any untrue statement of a material fact or omitted to state a material fact necessary to make the statements therein, in light of the circumstances under which they were made not misleading; and any further documents so filed and incorporated by reference in the Registration Statement, the Base Prospectus, the Prospectus Supplement or the Prospectus, when such documents are filed with the Commission, will conform in all material respects to the requirements of the Exchange Act and the rules thereunder, as applicable, and will not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in light of the circumstances under which they were made, not misleading.

(j) Ineligible Issuer. (i) At the earliest time after the filing of the Registration Statement that the Company or another offering participant made a bona fide offer (within the meaning of Rule 164(h)(2)) of the Shares and (ii) as of the Execution Time and on each such time this representation is repeated or deemed to be made (with such date being used as the determination date for purposes of this clause (ii)), the Company was not and is not an Ineligible Issuer (as defined in Rule 405), without taking account of any determination by the Commission pursuant to Rule 405 that it is not necessary that the Company be considered an Ineligible Issuer.

(k) Free Writing Prospectus. The Company is eligible to use Issuer Free Writing Prospectuses. Each Issuer Free Writing Prospectus does not include any information the substance of which conflicts with the information contained in the Registration Statement, including any Incorporated Documents and any prospectus supplement deemed to be a part thereof that has not been superseded or modified; and each Issuer Free Writing Prospectus does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The foregoing sentence does not apply to statements in or omissions from any Issuer Free Writing Prospectus based upon and in conformity with written information furnished to the Company by the Manager specifically for use therein. Any Issuer Free Writing Prospectus that the Company is required to file pursuant to Rule 433(d) has been, or will be, filed with the Commission in accordance with the requirements of the Act and the rules thereunder. Each Issuer Free Writing Prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) or that was prepared by or behalf of or used by the Company complies or will comply in all material respects with the requirements of the Act and the rules thereunder. The Company will not, without the prior consent of the Manager, prepare, use or refer to, any Issuer Free Writing Prospectuses.

(l) Proceedings Related to Registration Statement. The Registration Statement is not the subject of a pending proceeding or examination under Section 8(d) or 8(e) of the Act, and the Company is not the subject of a pending proceeding under Section 8A of the Act in connection with the offering of the Shares. The Company has not received any notice that the Commission has issued or intends to issue a stop-order with respect to the Registration Statement or that the Commission otherwise has suspended or withdrawn the effectiveness of the Registration Statement, either temporarily or permanently, or intends or has threatened in writing to do so.

(m) SEC Reports. The Company has complied in all material respects with requirements to file all reports, schedules, forms, statements and other documents required to be filed by it under the Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, for the two years preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the “SEC Reports”) on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension.

(n) Financial Statements. The consolidated financial statements incorporated by reference in the Registration Statement, the Prospectus or the Incorporated Documents and any amendments thereof or supplements thereto comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing or as amended or corrected in a subsequent filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved (“GAAP”), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

(o) Accountants. The Company's accountants are Marcum LLP. To the knowledge of the Company, such accountants, which the Company expects would be able to express their opinion with respect to the financial statements to be included in the Company's next Annual Report on Form 10-K, are a registered public accounting firm as required by the Act.

(p) Material Adverse Events. Since the date of the latest audited financial statements included within the SEC Reports, except as specifically disclosed in a subsequent SEC Report filed prior to the date hereof, (i) there has been no event, occurrence or development that has had or that could reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business consistent with past practice and (B) liabilities not required to be reflected in the Company's financial statements pursuant to GAAP or required to be disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting, (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock and (v) the Company has not issued any equity securities to any officer, director or "Affiliate" (defined as any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 144 under the Act), except pursuant to existing Company stock option plans. The Company does not have pending before the Commission any request for confidential treatment of information. No event, liability or development has occurred or exists with respect to the Company or its Subsidiaries or their respective business, properties, operations or financial condition, that would be required to be disclosed by the Company under applicable securities laws at the time this representation is made or deemed made that has not been publicly disclosed at least 1 Trading Day prior to the date that this representation is deemed made.

(q) Litigation. There is no action, suit, inquiry, notice of violation, Proceeding or investigation pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an "Action") which (i) adversely affects or challenges the legality, validity or enforceability of this Agreement or the Shares or (ii) could, if there were an unfavorable decision, reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor, to the knowledge of the Company, any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company or any Subsidiary under the Exchange Act or the Act.

(r) Labor Relations. No material labor dispute exists or, to the knowledge of the Company, is imminent with respect to any of the employees of the Company which could reasonably be expected to result in a Material Adverse Effect. None of the Company's or its Subsidiaries' employees is a member of a union that relates to such employee's relationship with the Company, and neither the Company nor any of its Subsidiaries is a party to a collective bargaining agreement, and the Company and its Subsidiaries believe that their relationships with their employees are good. No executive officer, to the knowledge of the Company, is, or is now expected to be, in violation of any material term of any employment contract, confidentiality, disclosure or proprietary information agreement or non-competition agreement, or any other contract or agreement or any restrictive covenant, and the continued employment of each such executive officer does not subject the Company or any of its Subsidiaries to any liability with respect to any of the foregoing matters. The Company and its Subsidiaries are in compliance with all U.S. federal, state, local and foreign laws and regulations relating to employment and employment practices, terms and conditions of employment and wages and hours, except where the failure to be in compliance could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(s) No Existing Defaults. Neither the Company nor any Subsidiary (i) is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) is in violation of any order of any court, arbitrator or governmental body, or (iii) is or has been in violation of any statute, rule, or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws relating to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except in each case as could not reasonably be expected to result in a Material Adverse Effect.

(t) Environmental Laws. The Company and its Subsidiaries (i) are in compliance with all federal, state, local and foreign laws relating to pollution or protection of human health or the environment (including ambient air, surface water, groundwater, land surface or subsurface strata), including laws relating to emissions, discharges, releases or threatened releases of chemicals, pollutants, contaminants, or toxic or hazardous substances or wastes (collectively, "Hazardous Materials") into the environment, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials, as well as all authorizations, codes, decrees, demands, or demand letters, injunctions, judgments, licenses, notices or notice letters, orders, permits, plans or regulations, issued, entered, promulgated or approved thereunder ("Environmental Laws"); (ii) have received all permits licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses; and (iii) are in compliance with all terms and conditions of any such permit, license or approval where in each clause (i), (ii) and (iii), the failure to so comply could be reasonably expected to have, individually or in the aggregate, a Material Adverse Effect.

(u) Regulatory Permits. The Company and the Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state, local or foreign regulatory authorities necessary to conduct their respective businesses as described in the Registration Statement, the Base Prospectus, any Prospectus Supplement or the Prospectus, except where the failure to possess such permits could not reasonably be expected to result in a Material Adverse Effect (“Material Permits”), and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any Material Permit.

(v) Title to Assets. The Company and the Subsidiaries have good and marketable title in fee simple to all real property owned by them that is material to the business of the Company and the Subsidiaries and good and marketable title in all personal property owned by them that is material to the business of the Company and the Subsidiaries, in each case free and clear of all Liens, except for Liens as do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company and the Subsidiaries and Liens for the payment of federal, state or other taxes, the payment of which is neither delinquent nor subject to penalties. Any real property and facilities held under lease by the Company and the Subsidiaries are held by them under valid, subsisting and enforceable leases of which the Company and the Subsidiaries are in compliance, except where such non-compliance would not reasonably be expected to have a Material Adverse Effect.

(w) Intellectual Property. The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other similar intellectual property rights necessary or material for use in connection with their respective businesses as described in the Registration Statement, the Base Prospectus, any Prospectus Supplement or the Prospectus and which the failure to so have could reasonably be expected to have a Material Adverse Effect (collectively, the “Intellectual Property Rights”). None of, and neither the Company nor any Subsidiary has received a notice (written or otherwise) that any of, the Intellectual Property Rights has expired, terminated, or been abandoned, and is expected to expire or terminate or be abandoned, within two (2) years from the date of this Agreement, except where such expiration, termination or abandonment could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. Neither the Company nor any Subsidiary has received, since the date of the latest audited financial statements included within the SEC Reports, a notice (written or otherwise) that the Intellectual Property Rights violate or infringe upon the rights of any Person, except as would not have a Material Adverse Effect. To the knowledge of the Company, all such Intellectual Property Rights are enforceable (other than patent and trademark applications) and there is no existing infringement by another Person of any of the Intellectual Property Rights. The Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their Intellectual Property Rights, except where failure to do so could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(x) Insurance. The Company and the Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as are prudent and customary for companies of similar size as the Company in the businesses in which the Company and the Subsidiaries are engaged, including, but not limited to, directors and officers insurance coverage. To the knowledge of the Company, such insurance contracts and policies are accurate and complete. Neither the Company nor any Subsidiary has any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business without a significant increase in cost.

(y) Affiliate Transactions. Except as set forth in the Registration Statement, the Base Prospectus, any Prospectus Supplement or the Prospectus, none of the officers or directors of the Company and, to the knowledge of the Company, none of the employees of the Company is presently a party to any transaction with the Company or any Subsidiary (other than for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee, or partner, in each case in excess of \$120,000, other than (i) for payment of salary or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company and (iii) for other employee benefits, including stock option agreements under any stock option plan of the Company.

(z) Sarbanes Oxley Compliance. Except as disclosed in the Registration Statement, the Base Prospectus, any Prospectus Supplement or the Prospectus, the Company is in material compliance with all provisions of the Sarbanes-Oxley Act of 2002 which are applicable to it as of the Effective Date. The Company and the Subsidiaries maintain a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company has established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and designed such disclosure controls and procedures to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms. The Company's certifying officers have evaluated the effectiveness of the Company's disclosure controls and procedures as of the end of the period covered by the Company's most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no changes in the Company's internal control over financial reporting (as such term is defined in the Exchange Act) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

(aa) Finder's Fees. Other than payments to be made to the Manager, no brokerage or finder's fees or commissions are or will be payable by the Company to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by this Agreement. The Manager shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section that may be due in connection with the transactions contemplated by this Agreement.

(bb) No Other Sales Agency Agreement. The Company has not entered into any other sales agency agreements or other similar arrangements with any agent or any other representative in respect of at the market offerings of the Shares.

(cc) Regulation M Compliance. The Company has not, and to its knowledge no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Shares, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Shares or (iii) paid or agreed to pay to any person any compensation for soliciting another to purchase any other securities of the Company, other than, in the case of clauses (ii) and (iii), compensation paid to the Manager in connection with the placement of the Shares.

(dd) Listing and Maintenance Requirements. The issuance and sale of the Shares as contemplated in this Agreement does not contravene the rules and regulations of the Trading Market. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. The Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market.

(ee) Application of Takeover Protections. Except as set forth in the Registration Statement, the Base Prospectus, any Prospectus Supplement or the Prospectus, the Company and its Board have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company's Certificate of Incorporation (or similar charter documents) or the laws of its state of incorporation that is or could become applicable to the purchasers of the Shares.

(ff) Solvency. Based on the financial condition of the Company as of the date hereof, (i) the Company's fair saleable value of its assets exceeds the amount that will be required to be paid on or in respect of the Company's existing debts and other liabilities (including known contingent liabilities) as they mature, (ii) the Company's assets do not constitute unreasonably small capital to carry on its business as now conducted and as proposed to be conducted including its capital needs taking into account the particular capital requirements of the business conducted by the Company, and projected capital requirements and capital availability thereof, and (iii) the current cash flow of the Company, together with the proceeds the Company would receive, were it to liquidate all of its assets, after taking into account all anticipated uses of the cash, would be sufficient to pay all amounts on or in respect of its debt when such amounts are required to be paid. Within one year of the date hereof, the Company does not intend to incur debts beyond its ability to pay such debts as they mature (taking into account the timing and amounts of cash to be payable on or in respect of its debt). The SEC Reports set forth as of the dates thereof all outstanding secured and unsecured Indebtedness of the Company or any Subsidiary, or for which the Company or any Subsidiary has commitments. For the purposes of this Agreement, "Indebtedness" shall mean (a) any liabilities for borrowed money or amounts owed in excess of \$50,000 (other than accrued liabilities and trade accounts payable incurred in the ordinary course of business), (b) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the same are or should be reflected in the Company's balance sheet (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (c) the present value of any lease payments in excess of \$50,000 due under leases required to be capitalized in accordance with GAAP. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness.

(gg) Tax Status. Except for matters that would not, individually or in the aggregate, have or reasonably be expected to result in a Material Adverse Effect, the Company and each Subsidiary (i) have made or filed all necessary United States federal, and state income and all foreign income and franchise tax returns and have paid or accrued all taxes shown as due thereon, and the Company has no knowledge of a tax deficiency which has been asserted or threatened against the Company or any report and declaration required by any jurisdiction to which it is subject, (ii) have paid all taxes and other governmental assessments and charges that are material in amount, shown or determined to be due on such returns, reports and declarations and (iii) have set aside on its books provision reasonably adequate for the payment of all material taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company or of any Subsidiary know of no basis for any such claim.

(hh) Foreign Corrupt Practices. Neither the Company, nor to the knowledge of the Company, any agent or other person acting on behalf of the Company, has (i) directly or indirectly, used any funds for unlawful contributions, gifts, entertainment or other unlawful expenses related to foreign or domestic political activity, (ii) made any unlawful payment to foreign or domestic government officials or employees or to any foreign or domestic political parties or campaigns from corporate funds, (iii) failed to disclose fully any contribution made by the Company (or made by any person acting on its behalf of which the Company is aware) which is in violation of law, or (iv) violated in any material respect any provision of the Foreign Corrupt Practices Act of 1977, as amended.

(ii) Cybersecurity. (i)(x) There has been no security breach or other compromise of or relating to any of the Company's or any Subsidiary's information technology and computer systems, networks, hardware, software, data (including the data of its respective customers, employees, suppliers, vendors and any third party data maintained by or on behalf of it), equipment or technology (collectively, "IT Systems and Data") and (y) the Company and the Subsidiaries have not been notified of, and has no knowledge of any event or condition that would reasonably be expected to result in, any security breach or other compromise to its IT Systems and Data; (ii) the Company and the Subsidiaries are presently in compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Data and to the protection of such IT Systems and Data from unauthorized use, access, misappropriation or modification, except as would not, individually or in the aggregate, have a Material Adverse Effect; (iii) the Company and the Subsidiaries have implemented and maintained commercially reasonable safeguards to maintain and protect its material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and Data; and (iv) the Company and the Subsidiaries have implemented backup and disaster recovery technology consistent with industry standards and practices.

(jj) Stock Option Plans. Each stock option granted by the Company under the Company's stock option plan was granted (i) in accordance with the terms of the Company's stock option plan and (ii) with an exercise price at least equal to the fair market value of the Common Stock on the date such stock option would be considered granted under GAAP and applicable law. No stock option granted under the Company's stock option plan has been backdated. The Company has not knowingly granted, and there is no and has been no Company policy or practice to knowingly grant, stock options prior to, or otherwise knowingly coordinate the grant of stock options with, the release or other public announcement of material information regarding the Company or its Subsidiaries or their financial results or prospects.

(kk) Office of Foreign Assets Control. Neither the Company nor any Subsidiary nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any Subsidiary is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department ("OFAC").

(ll) U.S. Real Property Holding Corporation. The Company is not and has never been a U.S. real property holding corporation within the meaning of Section 897 of the Internal Revenue Code of 1986, as amended, and the Company shall so certify upon the Manager's request.

(mm) Bank Holding Company Act. Neither the Company nor any of its Subsidiaries or Affiliates is subject to the Bank Holding Company Act of 1956, as amended (the "BHCA") and to regulation by the Board of Governors of the Federal Reserve System (the "Federal Reserve"). Neither the Company nor any of its Subsidiaries or Affiliates owns or controls, directly or indirectly, five percent (5%) or more of the outstanding shares of any class of voting securities or twenty-five percent or more of the total equity of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve. Neither the Company nor any of its Subsidiaries or Affiliates exercises a controlling influence over the management or policies of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve.

(nn) Money Laundering. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial record-keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, applicable money laundering statutes and applicable rules and regulations thereunder (collectively, the "Money Laundering Laws"), and no Action or Proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any Subsidiary with respect to the Money Laundering Laws is pending or, to the knowledge of the Company or any Subsidiary, threatened.

(oo) FINRA Member Shareholders. There are no affiliations with any FINRA member firm among the Company's officers, directors or, to the knowledge of the Company, any five percent (5%) or greater stockholder of the Company, except as set forth in the Registration Statement, the Base Prospectus, any Prospectus Supplement or the Prospectus.

4. Agreements. The Company agrees with the Manager that:

(a) Right to Review Amendments and Supplements to Registration Statement and Prospectus. During any period when the delivery of a prospectus relating to the Shares is required (including in circumstances where such requirement may be satisfied pursuant to Rule 172, 173 or any similar rule) to be delivered under the Act in connection with the offering or the sale of Shares, the Company will not file any amendment to the Registration Statement or supplement (including any Prospectus Supplement) to the Base Prospectus unless the Company has furnished to the Manager a copy for its review prior to filing and will not file any such proposed amendment or supplement to which the Manager reasonably objects. The Company will properly cause any supplement to the Prospectus to be properly completed, in a form approved by the Manager, and will file such supplement with the Commission pursuant to the applicable paragraph of Rule 424(b) within the time period prescribed thereby and will provide evidence reasonably satisfactory to the Manager of such timely filing. The Company will promptly advise the Manager (i) when the Prospectus, and any supplement thereto, shall have been filed (if required) with the Commission pursuant to Rule 424(b), (ii) when, during any period when the delivery of a prospectus (whether physically or through compliance with Rule 172, 173 or any similar rule) is required under the Act in connection with the offering or sale of the Shares, any amendment to the Registration Statement shall have been filed or become effective (other than any annual report of the Company filed pursuant to Section 13(a) or 15(d) of the Exchange Act), (iii) of any request by the Commission or its staff for any amendment of the Registration Statement, or for any supplement to the Prospectus or for any additional information, (iv) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or of any notice objecting to its use or the institution or threatening of any proceeding for that purpose and (v) of the receipt by the Company of any notification with respect to the suspension of the qualification of the Shares for sale in any jurisdiction or the institution or threatening of any proceeding for such purpose. The Company will use its best efforts to prevent the issuance of any such stop order or the occurrence of any such suspension or objection to the use of the Registration Statement and, upon such issuance, occurrence or notice of objection, to obtain as soon as possible the withdrawal of such stop order or relief from such occurrence or objection, including, if necessary, by filing an amendment to the Registration Statement or a new registration statement and using its best efforts to have such amendment or new registration statement declared effective as soon as practicable. The Company and the Manager agree that the Company may file a Prospectus Supplement to decrease the number or dollar amount of Shares in the offering pursuant to this Agreement.

(b) Subsequent Events. If, at any time on or after an Applicable Time but prior to the related Settlement Date, any event occurs as a result of which the Registration Statement or Prospectus would include any untrue statement of a material fact or omit to state any material fact necessary to make the statements therein in the light of the circumstances under which they were made or the circumstances then prevailing not misleading, the Company will (i) notify promptly the Manager so that any use of the Registration Statement or Prospectus may cease until such are amended or supplemented; (ii) amend or supplement the Registration Statement or Prospectus to correct such statement or omission; and (iii) supply any amendment or supplement to the Manager in such quantities as the Manager may reasonably request.

(c) Notification of Subsequent Filings. During any period when the delivery of a prospectus relating to the Shares is required (including in circumstances where such requirement may be satisfied pursuant to Rule 172, 173 or any similar rule) to be delivered under the Act, any event occurs as a result of which the Prospectus as then supplemented would include any untrue statement of a material fact or omit to state any material fact necessary to make the statements therein in the light of the circumstances under which they were made not misleading, or if it shall be necessary to amend the Registration Statement, file a new registration statement or supplement the Prospectus to comply with the Act or the Exchange Act or the respective rules thereunder, including in connection with use or delivery of the Prospectus, the Company promptly will (i) notify the Manager of any such event, (ii) subject to Section 4(a), prepare and file with the Commission an amendment or supplement or new registration statement which will correct such statement or omission or effect such compliance, (iii) use its best efforts to have any amendment to the Registration Statement or new registration statement declared effective as soon as practicable in order to avoid any disruption in use of the Prospectus and (iv) supply any supplemented Prospectus to the Manager in such quantities as the Manager may reasonably request.

(d) Earnings Statements. As soon as practicable, the Company will make generally available to its security holders and to the Manager an earnings statement or statements of the Company and its Subsidiaries which will satisfy the provisions of Section 11(a) of the Act and Rule 158.

(e) Delivery of Registration Statement. Upon the request of the Manager, the Company will furnish to the Manager and counsel for the Manager, without charge, signed copies of the Registration Statement (including exhibits thereto) and, so long as delivery of a prospectus by the Manager or dealer may be required by the Act (including in circumstances where such requirement may be satisfied pursuant to Rule 172, 173 or any similar rule), as many copies of the Prospectus and each Issuer Free Writing Prospectus and any supplement thereto as the Manager may reasonably request. The Company will pay the expenses of printing or other production of all documents relating to the offering.

(f) Qualification of Shares. The Company will arrange, if necessary, for the qualification of the Shares for sale under the laws of such jurisdictions as the Manager may designate and will maintain such qualifications in effect so long as required for the distribution of the Shares; provided that in no event shall the Company be obligated to qualify to do business in any jurisdiction where it is not now so qualified or to take any action that would subject it to service of process in suits, other than those arising out of the offering or sale of the Shares, in any jurisdiction where it is not now so subject.

(g) Free Writing Prospectus. The Company agrees that, unless it has or shall have obtained the prior written consent of the Manager, and the Manager agrees with the Company that, unless it has or shall have obtained, as the case may be, the prior written consent of the Company, it has not made and will not make any offer relating to the Shares that would constitute an Issuer Free Writing Prospectus or that would otherwise constitute a "free writing prospectus" (as defined in Rule 405) required to be filed by the Company with the Commission or retained by the Company under Rule 433. Any such free writing prospectus consented to by the Manager or the Company is hereinafter referred to as a "Permitted Free Writing Prospectus." The Company agrees that (i) it has treated and will treat, as the case may be, each Permitted Free Writing Prospectus as an Issuer Free Writing Prospectus and (ii) it has complied and will comply, as the case may be, with the requirements of Rules 164 and 433 applicable to any Permitted Free Writing Prospectus, including in respect of timely filing with the Commission, legending and record keeping.

(h) Subsequent Equity Issuances. Neither the Company nor any Subsidiary will offer, sell, issue, contract to sell, contract to issue or otherwise dispose of, directly or indirectly, any other shares of Common Stock or any Common Stock Equivalents (other than the Shares) during the term of this Agreement (i) without giving the Manager at least three Business Days' prior written notice specifying the nature of the proposed transaction and the date of such proposed transaction and (ii) unless the Manager suspends acting under this Agreement for such period of time requested by the Company or as deemed appropriate by the Manager in light of the proposed transaction; provided, however, that the Company may issue and sell Common Stock pursuant to any employee stock option plan, stock ownership plan or dividend reinvestment plan of the Company in effect at the Execution Time and, with as much notice as reasonably practicable, the Company may issue Common Stock issuable upon the conversion or exercise of Common Stock Equivalents outstanding at the Execution Time.

(i) Market Manipulation. Until the termination of this Agreement, the Company will not take, directly or indirectly, any action designed to or that would constitute or that might reasonably be expected to cause or result in, under the Exchange Act or otherwise, stabilization or manipulation in violation of the Act, Exchange Act or the rules and regulations thereunder of the price of any security of the Company to facilitate the sale or resale of the Shares or otherwise violate any provision of Regulation M under the Exchange Act.

(j) Notification of Incorrect Certificate. The Company will, at any time during the term of this Agreement, as supplemented from time to time, advise the Manager immediately after it shall have received notice or obtained knowledge thereof, of any information or fact that would alter or affect any opinion, certificate, letter and other document provided to the Manager pursuant to Section 6 herein.

(k) Certification of Accuracy of Disclosure. Upon commencement of the offering of the Shares under this Agreement (and upon the recommencement of the offering of the Shares under this Agreement following the termination of a suspension of sales hereunder lasting more than 30 Trading Days), and each time that (i) the Registration Statement or Prospectus shall be amended or supplemented, other than by means of Incorporated Documents, (ii) the Company files its Annual Report on Form 10-K under the Exchange Act, (iii) the Company files its quarterly reports on Form 10-Q under the Exchange Act, (iv) the Company files a Current Report on Form 8-K containing amended financial information (other than information that is furnished and not filed), if the Manager reasonably determines that the information in such Form 8-K is material, or (v) the Shares are delivered to the Manager as principal at the Time of Delivery pursuant to a Terms Agreement (such commencement or recommencement date and each such date referred to in (i), (ii), (iii), (iv) and (v) above, a "Representation Date"), unless waived by the Manager, the Company shall furnish or cause to be furnished to the Manager forthwith a certificate dated and delivered on the Representation Date, in form reasonably satisfactory to the Manager to the effect that the statements contained in the certificate referred to in Section 6 of this Agreement which were last furnished to the Manager are true and correct at the Representation Date, as though made at and as of such date (except that such statements shall be deemed to relate to the Registration Statement and the Prospectus as amended and supplemented to such date) or, in lieu of such certificate, a certificate of the same tenor as the certificate referred to in said Section 6, modified as necessary to relate to the Registration Statement and the Prospectus as amended and supplemented to the date of delivery of such certificate.

(l) Bring Down Opinions; Negative Assurance. At each Representation Date, unless waived by the Manager, the Company shall furnish or cause to be furnished forthwith to the Manager and to counsel to the Manager a written opinion of counsel to the Company ("Company Counsel") addressed to the Manager and dated and delivered on such Representation Date, in form and substance reasonably satisfactory to the Manager, including a negative assurance representation. The requirement to furnish or cause to be furnished an opinion (but not with respect to a negative assurance representation) under this Section 4(l) shall be waived for any Representation Date other than a Representation Date on which a material amendment to the Registration Statement or Prospectus is made or the Company files its Annual Report on Form 10-K or a material amendment thereto under the Exchange Act, unless the Manager reasonably requests such deliverable required this Section 4(l) in connection with a Representation Date, upon which request such deliverable shall be deliverable hereunder.

(m) Auditor Bring Down "Comfort" Letter. At each Representation Date, unless waived by the Manager, the Company shall cause (1) the Company's auditors (the "Accountants"), or other independent accountants satisfactory to the Manager forthwith to furnish the Manager a letter, and (2) the Chief Financial Officer of the Company forthwith to furnish the Manager a certificate, in each case dated on such Representation Date, in form satisfactory to the Manager, of the same tenor as the letters and certificate referred to in Section 6 of this Agreement but modified to relate to the Registration Statement and the Prospectus, as amended and supplemented to the date of such letters and certificate. The requirement to furnish or cause to be furnished a "comfort" letter under this Section 4(m) shall be waived for any Representation Date other than a Representation Date on which a material amendment to the Registration Statement or Prospectus is made or the Company files its Annual Report on Form 10-K or a material amendment thereto under the Exchange Act, unless the Manager reasonably requests the deliverables required by this Section 4(m) in connection with a Representation Date, upon which request such deliverable shall be deliverable hereunder.

(n) Due Diligence Session. Upon commencement of the offering of the Shares under this Agreement (and upon the recommencement of the offering of the Shares under this Agreement following the termination of a suspension of sales hereunder lasting more than 30 Trading Days), and at each Representation Date, the Company will conduct a due diligence session, in form and substance, reasonably satisfactory to the Manager, which shall include representatives of management and Accountants. The Company shall cooperate timely with any reasonable due diligence request from or review conducted by the Manager or its agents from time to time in connection with the transactions contemplated by this Agreement, including, without limitation, providing information and available documents and access to appropriate corporate officers and the Company's agents during regular business hours, and timely furnishing or causing to be furnished such certificates, letters and opinions from the Company, its officers and its agents, as the Manager may reasonably request. The Company shall reimburse the Manager for Manager's counsel's fees in each such due diligence update session, up to a maximum of \$2,500 per update, plus any incidental expense incurred by the Manager in connection therewith.

(o) Acknowledgment of Trading. The Company consents to the Manager trading in the Common Stock for the Manager's own account and for the account of its clients at the same time as sales of the Shares occur pursuant to this Agreement or pursuant to a Terms Agreement.

(p) Disclosure of Shares Sold. The Company will disclose in its Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q, as applicable, the number of Shares sold through the Manager under this Agreement, the Net Proceeds to the Company and the compensation paid by the Company with respect to sales of Shares pursuant to this Agreement during the relevant quarter; and, if required by any subsequent change in Commission policy or request, more frequently by means of a Current Report on Form 8-K or a further Prospectus Supplement.

(q) Rescission Right. If to the knowledge of the Company, the conditions set forth in Section 6 shall not have been satisfied as of the applicable Settlement Date, the Company will offer to any person who has agreed to purchase Shares from the Company as the result of an offer to purchase solicited by the Manager the right to refuse to purchase and pay for such Shares.

(r) Bring Down of Representations and Warranties. Each acceptance by the Company of an offer to purchase the Shares hereunder, and each execution and delivery by the Company of a Terms Agreement, shall be deemed to be an affirmation to the Manager that the representations and warranties of the Company contained in or made pursuant to this Agreement are true and correct as of the date of such acceptance or of such Terms Agreement as though made at and as of such date, and an undertaking that such representations and warranties will be true and correct as of the Settlement Date for the Shares relating to such acceptance or as of the Time of Delivery relating to such sale, as the case may be, as though made at and as of such date (except that such representations and warranties shall be deemed to relate to the Registration Statement and the Prospectus as amended and supplemented relating to such Shares).

(s) Reservation of Shares. The Company shall ensure that there are at all times sufficient shares of Common Stock to provide for the issuance, free of any preemptive rights, out of its authorized but unissued shares of Common Stock or shares of Common Stock held in treasury, of the maximum aggregate number of Shares authorized for issuance by the Board pursuant to the terms of this Agreement. The Company will use its commercially reasonable efforts to cause the Shares to be listed for trading on the Trading Market and to maintain such listing.

(t) Obligation Under Exchange Act. During any period when the delivery of a prospectus relating to the Shares is required (including in circumstances where such requirement may be satisfied pursuant to Rule 172, 173 or any similar rule) to be delivered under the Act, the Company will file all documents required to be filed with the Commission pursuant to the Exchange Act within the time periods required by the Exchange Act and the regulations thereunder.

(u) DTC Facility. The Company shall cooperate with Manager and use its reasonable efforts to permit the Shares to be eligible for clearance and settlement through the facilities of DTC.

(v) Use of Proceeds. The Company will apply the Net Proceeds from the sale of the Shares in the manner set forth in the Prospectus.

(w) Filing of Prospectus Supplement. On or prior to the earlier of (i) the date on which the Company shall file a Quarterly Report on Form 10-Q or an Annual Report on Form 10-K in respect of any fiscal quarter in which sales of Shares were made by the Manager pursuant to Section 2(b) of this Agreement and (ii) the date on which the Company shall be obligated to file such document referred to in clause (i) in respect of such quarter (each such date, and any date on which an amendment to any such document is filed, a "Filing Date"), the Company will file a prospectus supplement with the Commission under the applicable paragraph of Rule 424(b), which prospectus supplement will set forth, with regard to such quarter, the number of the Shares sold through the Manager as agent pursuant to Section 2(b) of this Agreement, the Net Proceeds to the Company and the compensation paid by the Company with respect to such sales of the Shares pursuant to Section 2(b) of this Agreement and deliver such number of copies of each such prospectus supplement to the Trading Market as are required by such exchange. In the event any sales are made pursuant to this Agreement which are NOT made in "at the market" offerings as defined in Rule 415, including, without limitation, any Placement pursuant to a Terms Agreement, the Company shall file a Prospectus Supplement describing the terms of such transaction, the amount of Shares sold, the price thereof, the Manager's compensation, and such other information as may be required pursuant to Rule 424 and Rule 430B, as applicable, within the time required by Rule 424.

(x) Additional Registration Statement. To the extent that the Registration Statement is not available for the sales of the Shares as contemplated by this Agreement, the Company shall file a new registration statement with respect to any additional shares of Common Stock necessary to complete such sales of the Shares and shall cause such registration statement to become effective as promptly as practicable. After the effectiveness of any such registration statement, all references to "Registration Statement" included in this Agreement shall be deemed to include such new registration statement, including all documents incorporated by reference therein pursuant to Item 12 of Form S-3, and all references to "Base Prospectus" included in this Agreement shall be deemed to include the final form of prospectus, including all documents incorporated therein by reference, included in any such registration statement at the time such registration statement became effective.

5. Payment of Expenses. The Company agrees to pay the costs and expenses incident to the performance of its obligations under this Agreement, whether or not the transactions contemplated hereby are consummated, including without limitation: (i) the preparation, printing or reproduction and filing with the Commission of the Registration Statement (including financial statements and exhibits thereto), the Prospectus and each Issuer Free Writing Prospectus, and each amendment or supplement to any of them; (ii) the printing (or reproduction) and delivery (including postage, air freight charges and charges for counting and packaging) of such copies of the Registration Statement, the Prospectus, and each Issuer Free Writing Prospectus, and all amendments or supplements to any of them, as may, in each case, be reasonably requested for use in connection with the offering and sale of the Shares; (iii) the preparation, printing, authentication, issuance and delivery of certificates for the Shares, including any stamp or transfer taxes in connection with the original issuance and sale of the Shares; (iv) the printing (or reproduction) and delivery of this Agreement, any blue sky memorandum and all other agreements or documents printed (or reproduced) and delivered in connection with the offering of the Shares; (v) the registration of the Shares under the Exchange Act, if applicable, and the listing of the Shares on the Trading Market; (vi) any registration or qualification of the Shares for offer and sale under the securities or blue sky laws of the several states (including filing fees and the reasonable fees and expenses of counsel for the Manager relating to such registration and qualification); (vii) the transportation and other expenses incurred by or on behalf of Company representatives in connection with presentations to prospective purchasers of the Shares; (viii) the fees and expenses of the Company's accountants and the fees and expenses of counsel (including local and special counsel) for the Company; (ix) the filing fee under FINRA Rule 5110; (x) the reasonable fees and expenses of the Manager's counsel, not to exceed \$100,000 (excluding any periodic due diligence fees provided for under Section 4(n)), which shall be paid upon the Execution Time; and (xi) all other costs and expenses incident to the performance by the Company of its obligations hereunder.

6. Conditions to the Obligations of the Manager. The obligations of the Manager under this Agreement and any Terms Agreement shall be subject to (i) the accuracy of the representations and warranties on the part of the Company contained herein as of the Execution Time, each Representation Date, and as of each Applicable Time, Settlement Date and Time of Delivery, (ii) the performance by the Company of its obligations hereunder and (iii) the following additional conditions:

(a) Filing of Prospectus Supplement. The Registration Statement shall have been declared effective by the Commission and the Prospectus, and any supplement thereto, required by Rule 424 to be filed with the Commission have been filed in the manner and within the time period required by Rule 424(b) with respect to any sale of Shares; each Prospectus Supplement shall have been filed in the manner required by Rule 424(b) within the time period required hereunder and under the Act; any other material required to be filed by the Company pursuant to Rule 433(d) under the Act, shall have been filed with the Commission within the applicable time periods prescribed for such filings by Rule 433; and no stop order suspending the effectiveness of the Registration Statement or any notice objecting to its use shall have been issued and no proceedings for that purpose shall have been instituted or threatened.

(b) Delivery of Opinion. The Company shall have caused the Company Counsel to furnish to the Manager its opinion and negative assurance statement, dated as of such date and addressed to the Manager in form and substance acceptable to the Manager.

(c) Delivery of Officer's Certificate. The Company shall have furnished or caused to be furnished to the Manager a certificate of the Company signed by the Chief Executive Officer or the President and the principal financial or accounting officer of the Company, dated as of such date, to the effect that the signers of such certificate have carefully examined the Registration Statement, the Prospectus, any Prospectus Supplement and any documents incorporated by reference therein and any supplements or amendments thereto and this Agreement and that:

(i) the representations and warranties of the Company in this Agreement are true and correct on and as of such date with the same effect as if made on such date and the Company has complied with all the agreements and satisfied all the conditions on its part to be performed or satisfied at or prior to such date;

(ii) no stop order suspending the effectiveness of the Registration Statement or any notice objecting to its use has been issued and no proceedings for that purpose have been instituted or, to the Company's knowledge, threatened; and

(iii) since the date of the most recent financial statements included in the Registration Statement, the Prospectus and the Incorporated Documents, there has been no Material Adverse Effect on the condition (financial or otherwise), earnings, business or properties of the Company and its subsidiaries, taken as a whole, whether or not arising from transactions in the ordinary course of business, except as set forth in or contemplated in the Registration Statement and the Prospectus.

(d) Delivery of Accountants' "Comfort" Letter. The Company shall have requested and caused the Accountants to have furnished to the Manager letters (which may refer to letters previously delivered to the Manager), dated as of such date, in form and substance satisfactory to the Manager, confirming that they are independent accountants within the meaning of the Act and the Exchange Act and the respective applicable rules and regulations adopted by the Commission thereunder and that they have performed a review of any unaudited interim financial information of the Company included or incorporated by reference in the Registration Statement and the Prospectus and provide customary "comfort" as to such review in form and substance satisfactory to the Manager.

(e) No Material Adverse Event. Since the respective dates as of which information is disclosed in the Registration Statement, the Prospectus and the Incorporated Documents, except as otherwise stated therein, there shall not have been (i) any change or decrease in previously reported results specified in the letter or letters referred to in paragraph (d) of this Section 6 or (ii) any change, or any development involving a prospective change, in or affecting the condition (financial or otherwise), earnings, business or properties of the Company and its subsidiaries taken as a whole, whether or not arising from transactions in the ordinary course of business, except as set forth in or contemplated in the Registration Statement, the Prospectus and the Incorporated Documents (exclusive of any amendment or supplement thereto) the effect of which, in any case referred to in clause (i) or (ii) above, is, in the sole judgment of the Manager, so material and adverse as to make it impractical or inadvisable to proceed with the offering or delivery of the Shares as contemplated by the Registration Statement (exclusive of any amendment thereof), the Incorporated Documents and the Prospectus (exclusive of any amendment or supplement thereto).

(f) Payment of All Fees. The Company shall have paid the required Commission filing fees relating to the Shares within the time period required by Rule 456(b)(1)(i) of the Act without regard to the proviso therein and otherwise in accordance with Rules 456(b) and 457(r) of the Act and, if applicable, shall have updated the "Calculation of Registration Fee" table in accordance with Rule 456(b)(1)(ii) either in a post-effective amendment to the Registration Statement or on the cover page of a prospectus filed pursuant to Rule 424(b).

(g) No FINRA Objections. FINRA shall not have raised any objection with respect to the fairness and reasonableness of the terms and arrangements under this Agreement.

(h) Shares Listed on Trading Market. The Shares shall have been listed and admitted and authorized for trading on the Trading Market, and satisfactory evidence of such actions shall have been provided to the Manager.

(i) Other Assurances. Prior to each Settlement Date and Time of Delivery, as applicable, the Company shall have furnished to the Manager such further information, certificates and documents as the Manager may reasonably request.

If any of the conditions specified in this Section 6 shall not have been fulfilled when and as provided in this Agreement, or if any of the opinions and certificates mentioned above or elsewhere in this Agreement shall not be reasonably satisfactory in form and substance to the Manager and counsel for the Manager, this Agreement and all obligations of the Manager hereunder may be canceled at, or at any time prior to, any Settlement Date or Time of Delivery, as applicable, by the Manager. Notice of such cancellation shall be given to the Company in writing or by telephone or facsimile confirmed in writing.

The documents required to be delivered by this Section 6 shall be delivered to the office of Ellenoff Grossman & Schole LLP, counsel for the Manager, at 1345 Avenue of the Americas, New York, New York 10105, email: capmkt@egsllp.com on each such date as provided in this Agreement.

7. Indemnification and Contribution.

(a) Indemnification by Company. The Company agrees to indemnify and hold harmless the Manager, the directors, officers, employees and agents of the Manager and each person who controls the Manager within the meaning of either the Act or the Exchange Act against any and all losses, claims, damages or liabilities, joint or several, to which they or any of them may become subject under the Act, the Exchange Act or other Federal or state statutory law or regulation, at common law or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement for the registration of the Shares as originally filed or in any amendment thereof, or in the Base Prospectus, any Prospectus Supplement, the Prospectus, any Issuer Free Writing Prospectus, or in any amendment thereof or supplement thereto, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading or result from or relate to any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement, and agrees to reimburse each such indemnified party for any legal or other expenses reasonably incurred by them in connection with investigating or defending any such loss, claim, damage, liability or action; provided, however, that the Company will not be liable in any such case to the extent that any such loss, claim, damage or liability arises out of or is based upon any such untrue statement or alleged untrue statement or omission or alleged omission made therein in reliance upon and in conformity with written information furnished to the Company by the Manager specifically for inclusion therein. This indemnity agreement will be in addition to any liability that the Company may otherwise have.

(b) Indemnification by Manager. The Manager agrees to indemnify and hold harmless the Company, each of its directors, each of its officers who signs the Registration Statement, and each person who controls the Company within the meaning of either the Act or the Exchange Act, to the same extent as the foregoing indemnity from the Company to the Manager, but only with reference to written information relating to the Manager furnished to the Company by the Manager specifically for inclusion in the documents referred to in the foregoing indemnity; provided, however, that in no case shall the Manager be responsible for any amount in excess of the Broker Fee applicable to the Shares and paid hereunder. This indemnity agreement will be in addition to any liability which the Manager may otherwise have.

(c) Indemnification Procedures. Promptly after receipt by an indemnified party under this Section 7 of notice of the commencement of any action, such indemnified party will, if a claim in respect thereof is to be made against the indemnifying party under this Section 7, notify the indemnifying party in writing of the commencement thereof; but the failure so to notify the indemnifying party (i) will not relieve it from liability under paragraph (a) or (b) above unless and to the extent it did not otherwise learn of such action and such failure results in the forfeiture by the indemnifying party of substantial rights and defenses and (ii) will not, in any event, relieve the indemnifying party from any obligations to any indemnified party other than the indemnification obligation provided in paragraph (a) or (b) above. The indemnifying party shall be entitled to appoint counsel of the indemnifying party's choice at the indemnifying party's expense to represent the indemnified party in any action for which indemnification is sought (in which case the indemnifying party shall not thereafter be responsible for the fees and expenses of any separate counsel retained by the indemnified party or parties except as set forth below); provided, however, that such counsel shall be reasonably satisfactory to the indemnified party. Notwithstanding the indemnifying party's election to appoint counsel to represent the indemnified party in an action, the indemnified party shall have the right to employ separate counsel (including local counsel), and the indemnifying party shall bear the reasonable fees, costs and expenses of such separate counsel if (i) the use of counsel chosen by the indemnifying party to represent the indemnified party would present such counsel with a conflict of interest, (ii) the actual or potential defendants in, or targets of, any such action include both the indemnified party and the indemnifying party and the indemnified party shall have reasonably concluded that there may be legal defenses available to it and/or other indemnified parties which are different from or additional to those available to the indemnifying party, (iii) the indemnifying party shall not have employed counsel reasonably satisfactory to the indemnified party to represent the indemnified party within a reasonable time after notice of the institution of such action or (iv) the indemnifying party shall authorize the indemnified party to employ separate counsel at the expense of the indemnifying party. An indemnifying party will not, without the prior written consent of the indemnified parties, settle or compromise or consent to the entry of any judgment with respect to any pending or threatened claim, action, suit or proceeding in respect of which indemnification or contribution may be sought hereunder (whether or not the indemnified parties are actual or potential parties to such claim or action) unless such settlement, compromise or consent includes an unconditional release of each indemnified party from all liability arising out of such claim, action, suit or proceeding.

(d) Contribution. In the event that the indemnity provided in paragraph (a), (b) or (c) of this Section 7 is unavailable to or insufficient to hold harmless an indemnified party for any reason, the Company and the Manager agree to contribute to the aggregate losses, claims, damages and liabilities (including legal or other expenses reasonably incurred in connection with investigating or defending the same) (collectively "Losses") to which the Company and the Manager may be subject in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and by the Manager on the other from the offering of the Shares; provided, however, that in no case shall the Manager be responsible for any amount in excess of the Broker Fee applicable to the Shares and paid hereunder. If the allocation provided by the immediately preceding sentence is unavailable for any reason, the Company and the Manager severally shall contribute in such proportion as is appropriate to reflect not only such relative benefits but also the relative fault of the Company on the one hand and of the Manager on the other in connection with the statements or omissions which resulted in such Losses as well as any other relevant equitable considerations. Benefits received by the Company shall be deemed to be equal to the total net proceeds from the offering (before deducting expenses) received by it, and benefits received by the Manager shall be deemed to be equal to the Broker Fee applicable to the Shares and paid hereunder as determined by this Agreement. Relative fault shall be determined by reference to, among other things, whether any untrue or any alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information provided by the Company on the one hand or the Manager on the other, the intent of the parties and their relative knowledge, access to information and opportunity to correct or prevent such untrue statement or omission. The Company and the Manager agree that it would not be just and equitable if contribution were determined by pro rata allocation or any other method of allocation which does not take account of the equitable considerations referred to above. Notwithstanding the provisions of this paragraph (d), no person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. For purposes of this Section 7, each person who controls the Manager within the meaning of either the Act or the Exchange Act and each director, officer, employee and agent of the Manager shall have the same rights to contribution as the Manager, and each person who controls the Company within the meaning of either the Act or the Exchange Act, each officer of the Company who shall have signed the Registration Statement and each director of the Company shall have the same rights to contribution as the Company, subject in each case to the applicable terms and conditions of this paragraph (d).

8. Termination.

(a) The Company shall have the right, by giving written notice as hereinafter specified, to terminate the provisions of this Agreement relating to the solicitation of offers to purchase the Shares in its sole discretion at any time upon ten (10) Business Days' prior written notice. Any such termination shall be without liability of any party to any other party except that (i) with respect to any pending sale, through the Manager for the Company, the obligations of the Company, including in respect of compensation of the Manager, shall remain in full force and effect notwithstanding the termination and (ii) the provisions of Sections 5, 6, 7, 8, 9, 10, 12, the second sentence of 13 and 14 of this Agreement shall remain in full force and effect notwithstanding such termination.

(b) The Manager shall have the right, by giving written notice as hereinafter specified, to terminate the provisions of this Agreement relating to the solicitation of offers to purchase the Shares in its sole discretion at any time. Any such termination shall be without liability of any party to any other party except that the provisions of Sections 5, 6, 7, 8, 9, 10, 12, the second sentence of 13 and 14 of this Agreement shall remain in full force and effect notwithstanding such termination.

(c) This Agreement shall remain in full force and effect until the date that this Agreement is terminated pursuant to Sections 8(a) or (b) above or otherwise by mutual agreement of the parties, provided that any such termination by mutual agreement shall in all cases be deemed to provide that Sections 5, 6, 7, 8, 9, 10, 12, the second sentence of 13 and 14 shall remain in full force and effect.

(d) Any termination of this Agreement shall be effective on the date specified in such notice of termination, provided that such termination shall not be effective until the close of business on the date of receipt of such notice by the Manager or the Company, as the case may be. If such termination shall occur prior to the Settlement Date or Time of Delivery for any sale of the Shares, such sale shall settle in accordance with the provisions of Section 2(b) of this Agreement.

(e) In the case of any purchase of Shares by the Manager pursuant to a Terms Agreement, the obligations of the Manager pursuant to such Terms Agreement shall be subject to termination, in the absolute discretion of the Manager, by prompt oral notice given to the Company prior to the Time of Delivery relating to such Shares, if any, and confirmed promptly by facsimile or electronic mail, if since the time of execution of the Terms Agreement and prior to such delivery and payment, (i) trading in the Common Stock shall have been suspended by the Commission or the Trading Market or trading in securities generally on the Trading Market shall have been suspended or limited or minimum prices shall have been established on such exchange, (ii) a banking moratorium shall have been declared either by Federal or New York State authorities or (iii) there shall have occurred any outbreak or escalation of hostilities, declaration by the United States of a national emergency or war, or other calamity or crisis the effect of which on financial markets is such as to make it, in the sole judgment of the Manager, impractical or inadvisable to proceed with the offering or delivery of the Shares as contemplated by the Prospectus (exclusive of any amendment or supplement thereto).

9. Representations and Indemnities to Survive. The respective agreements, representations, warranties, indemnities and other statements of the Company or its officers and of the Manager set forth in or made pursuant to this Agreement will remain in full force and effect, regardless of any investigation made by the Manager or the Company or any of the officers, directors, employees, agents or controlling persons referred to in Section 7, and will survive delivery of and payment for the Shares.

10. Notices. All communications hereunder will be in writing and effective only on receipt, and will be mailed, delivered, e-mailed or facsimiled to the addresses of the Company and the Manager, respectively, set forth on the signature page hereto.

11. Successors. This Agreement will inure to the benefit of and be binding upon the parties hereto and their respective successors and the officers, directors, employees, agents and controlling persons referred to in Section 7, and no other person will have any right or obligation hereunder. For purposes of clarity, the parties hereto acknowledge and agree that, upon any reincorporation of the Company in another state or jurisdiction of incorporation or name change of the Company, the term "Company" hereunder shall mean the Company as re-incorporated in such new state or jurisdiction of incorporation or with such new name.

12. No Fiduciary Duty. The Company hereby acknowledges that (a) the purchase and sale of the Shares pursuant to this Agreement is an arm's-length commercial transaction between the Company, on the one hand, and the Manager and any affiliate through which it may be acting, on the other, (b) the Manager is acting solely as sales agent and/or principal in connection with the purchase and sale of the Company's securities and not as a fiduciary of the Company and (c) the Company's engagement of the Manager in connection with the offering and the process leading up to the offering is as independent contractors and not in any other capacity. Furthermore, the Company agrees that it is solely responsible for making its own judgments in connection with the offering (irrespective of whether the Manager has advised or is currently advising the Company on related or other matters). The Company agrees that it will not claim that the Manager has rendered advisory services of any nature or respect, or owe an agency, fiduciary or similar duty to the Company, in connection with such transaction or the process leading thereto.

13. Integration. This Agreement and any Terms Agreement supersede all prior agreements and understandings (whether written or oral) between the Company and the Manager with respect to the subject matter hereof. Notwithstanding anything herein to the contrary, each of the letter agreements, dated August 5, 2020, November 11, 2021, May 31, 2023 and September 21, 2023, respectively, by and between the Company and the Manager shall continue to be effective and the terms therein shall continue to survive and be enforceable by the Manager in accordance with its terms, provided that, in the event of a conflict between the terms of a letter agreement, other than with respect to the letter agreement dated September 21, 2023, and this Agreement, the terms of this Agreement shall prevail.

14. Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and the Manager. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right.

15. Applicable Law. This Agreement and any Terms Agreement will be governed by and construed in accordance with the laws of the State of New York applicable to contracts made and to be performed within the State of New York. Each of the Company and the Manager: (i) agrees that any legal suit, action or proceeding arising out of or relating to this Agreement shall be instituted exclusively in New York Supreme Court, County of New York, or in the United States District Court for the Southern District of New York, (ii) waives any objection which it may have or hereafter to the venue of any such suit, action or proceeding, and (iii) irrevocably consents to the jurisdiction of the New York Supreme Court, County of New York, and the United States District Court for the Southern District of New York in any such suit, action or proceeding. Each of the Company and the Manager further agrees to accept and acknowledge service of any and all process which may be served in any such suit, action or proceeding in the New York Supreme Court, County of New York, or in the United States District Court for the Southern District of New York and agrees that service of process upon the Company mailed by certified mail to the Company's address shall be deemed in every respect effective service of process upon the Company, in any such suit, action or proceeding, and service of process upon the Manager mailed by certified mail to the Manager's address shall be deemed in every respect effective service process upon the Manager, in any such suit, action or proceeding. If either party shall commence an action or proceeding to enforce any provision of this Agreement, then the prevailing party in such action or proceeding shall be reimbursed by the other party for its reasonable attorney's fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding.

16. WAIVER OF JURY TRIAL. THE COMPANY HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS AGREEMENT, ANY TERMS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY OR THEREBY.

17. Counterparts. This Agreement and any Terms Agreement may be signed in one or more counterparts, each of which shall constitute an original and all of which together shall constitute one and the same agreement, which may be delivered by facsimile or in .pdf file via e-mail.

18. Headings. The section headings used in this Agreement and any Terms Agreement are for convenience only and shall not affect the construction hereof.

If the foregoing is in accordance with your understanding of our agreement, please sign and return to us the enclosed duplicate hereof, whereupon this letter and your acceptance shall represent a binding agreement among the Company and the Manager.

Very truly yours,

MARATHON DIGITAL HOLDINGS, INC.

By: _____
Name:
Title:

Address for Notice:
101 NE Third Avenue, Suite 1200
Fort Lauderdale, Florida 33301
Attention: Fred Thiel, Chief Executive Officer
E-mail: fred@marathonhd.com

The foregoing Agreement is hereby confirmed and accepted as of the date first written above.

H.C. WAINWRIGHT & CO., LLC

By: _____
Name:
Title:

Address for Notice:
430 Park Avenue
New York, New York 10022
Attention: Chief Executive Officer
E-mail: notices@hewco.com

Form of Terms Agreement
ANNEX I
MARATHON DIGITAL HOLDINGS, INC.
TERMS AGREEMENT

Dear Sirs:

Marathon Digital Holdings, Inc. (the "Company") proposes, subject to the terms and conditions stated herein and in the At The Market Offering Agreement, dated October __, 2023 (the "At The Market Offering Agreement"), between the Company and H.C. Wainwright & Co., LLC ("Agent"), to issue and sell to Agent the securities specified in the Schedule I hereto (the "Purchased Shares").

Each of the provisions of the At The Market Offering Agreement not specifically related to the solicitation by Agent, as agent of the Company, of offers to purchase securities is incorporated herein by reference in its entirety, and shall be deemed to be part of this Terms Agreement to the same extent as if such provisions had been set forth in full herein. Each of the representations and warranties set forth therein shall be deemed to have been made at and as of the date of this Terms Agreement and the Time of Delivery, except that each representation and warranty in Section 3 of the At The Market Offering Agreement which makes reference to the Prospectus (as therein defined) shall be deemed to be a representation and warranty as of the date of the At The Market Offering Agreement in relation to the Prospectus, and also a representation and warranty as of the date of this Terms Agreement and the Time of Delivery in relation to the Prospectus as amended and supplemented to relate to the Purchased Shares.

An amendment to the Registration Statement (as defined in the At The Market Offering Agreement), or a supplement to the Prospectus, as the case may be, relating to the Purchased Shares, in the form heretofore delivered to the Agent is now proposed to be filed with the Securities and Exchange Commission.

Subject to the terms and conditions set forth herein and in the At The Market Offering Agreement which are incorporated herein by reference, the Company agrees to issue and sell to Agent and the latter agrees to purchase from the Company the number of shares of the Purchased Shares at the time and place and at the purchase price set forth in the Schedule I hereto.

If the foregoing is in accordance with your understanding, please sign and return to us a counterpart hereof, whereupon this Terms Agreement, including those provisions of the At The Market Offering Agreement incorporated herein by reference, shall constitute a binding agreement between the Agent and the Company.

MARATHON DIGITAL HOLDINGS, INC.

By: _____
Name: _____
Title: _____

ACCEPTED as of the date first written above.

H.C. WAINWRIGHT & CO., LLC

By: _____
Name: _____
Title: _____

Jolie Kahn, Esq.
12 E. 49th Street, 11th floor
New York, NY 10017

October 24, 2023

Marathon Digital Holdings, Inc.
101 NE 3rd Avenue, Ste 1200
Fort Lauderdale, FL 33301

Re: Marathon Digital Holdings, Inc. Shelf Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as counsel to Marathon Digital Holdings, Inc., a Nevada corporation (the “Company”), in connection with the shelf registration statement on Form S-3, to be filed on the date hereof by the Company (the “Registration Statement”) with the Securities and Exchange Commission (the “Commission”) under the Securities Act of 1933, as amended (the “Securities Act”), allowing for delayed offerings pursuant to Rule 415 of the General Rules and Regulations under the Securities Act (the “Rules and Regulations”). The Registration Statement relates to the issuance and sale from time to time by the Company of the following securities of the Company: (i) shares of common stock, \$0.0001 par value per share (“Common Stock”); (ii) shares of preferred stock, \$0.0001 par value per share (“Preferred Stock”), which may be issued in one or more series; (iii) warrants (“Warrants”) to purchase shares of Common Stock or Preferred Stock which may be issued pursuant to one or more warrant agreements (each, a “Warrant Agreement”) proposed to be entered into between the Company and warrant agents to be named therein (each, a “Warrant Agent” and, collectively, “Warrant Agents”); (iv) units containing any of the above (“Units”); and (v) such indeterminate number of shares of Common Stock or Preferred Stock, as may be issued upon conversion, exchange or exercise of any Preferred Stock, Units, or Warrants, including such shares of Common Stock or Preferred Stock as may be issued pursuant to anti-dilution adjustments, in amounts, at prices and on terms to be determined at the time of offering (collectively, “Indeterminate Securities”). The Common Stock, Preferred Stock, Units, Warrants, and Indeterminate Securities are collectively referred to herein as the “Offered Securities.”

This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

In rendering the opinions stated herein, we have examined and relied upon the following:

- (i) the Registration Statement;
- (ii) the Amended and Restated Certificate of Incorporation of the Company, as amended, as certified by the Secretary of the State of Nevada and as certified by the Secretary of the Company (the "Certificate of Incorporation");
- (iii) the Amended and Restated By-laws of the Company, as currently in effect and as certified by the Secretary of the Company (the "By-laws");
- (iv) a copy of certain resolutions of the board of directors of the Company (the "Board of Directors"), adopted on January 11, 2021, relating to the registration of the Offered Securities, as adopted by unanimous written consent.

We have also examined originals or copies, certified or otherwise identified to our satisfaction, of such records of the Company and such agreements, certificates and receipts of public officials, certificates of officers or other representatives of the Company and others, and such other documents as we have deemed necessary or appropriate as a basis for the opinions stated below.

In our examination, we have assumed the genuineness of all signatures, including endorsements, the legal capacity and competency of all natural persons, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as facsimile, electronic, certified or photostatic copies and the authenticity of the originals of such copies. In making our examination of executed documents or documents to be executed, we have assumed that the parties thereto, other than the Company, will have been duly organized and be validly existing in good standing, had or will have the power, corporate or otherwise, to enter into and perform all obligations thereunder and have also assumed the due authorization by all requisite action, corporate or other, and the execution and delivery by such parties of such documents, and, as to parties other than the Company, the validity and binding effect thereof on such parties.

We have also assumed that the laws of the State of New York will be chosen to govern any Warrant Agreements, and that such choice is a valid and legal provision. We have assumed the Warrant Agreements, will be duly authorized, executed and delivered by the Warrant Agents, the Warrants, that may be issued will be manually authenticated, signed or countersigned, as the case may be, by duly authorized officers of any Warrant Agent. As to any facts relevant to the opinions stated herein that we did not independently establish or verify, we have relied upon statements and representations of officers and other representatives of the Company and others and of public officials.

We do not express any opinion with respect to the laws of any jurisdiction other than (i) the Business Corporations Law of the State of Nevada (the "NBCL") and (ii) the laws of the State of New York, and to the extent that judicial or regulatory orders or decrees or consents, approvals, licenses, authorizations, validations, filings, recordings or registrations with governmental authorities are relevant, to those required under such laws (all of the foregoing being referred to as "Opined on Law"). The Offered Securities may be issued from time to time on a delayed or continuous basis, and this opinion is limited to the laws, including the rules and regulations, as in effect on the date hereof, which laws are subject to change with possible retroactive effect.

Based upon the foregoing and subject to the limitations, qualifications, exceptions and assumptions stated herein, we are of the opinion that:

1. With respect to any shares of any Common Stock offered by the Company, including any Indeterminate Securities constituting Common Stock (the “Offered Common Stock”), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement with respect to the Offered Common Stock has been prepared, delivered and filed in compliance with the Securities Act and the applicable Rules and Regulations; (iii) if the Offered Common Stock is to be sold pursuant to a firm commitment underwritten offering, the underwriting agreement with respect to the Offered Common Stock has been duly authorized, executed and delivered by the Company and the other parties thereto; (iv) the Board of Directors, including any appropriate committee appointed thereby, has taken all necessary corporate action to approve the issuance of the Offered Common Stock and related matters; (v) terms of the issuance and sale of the Offered Common Stock have been duly established and are then in conformity with the Certificate of Incorporation and By-laws so as not to violate any applicable law, the Certificate of Incorporation or By-laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (vi) certificates in the form required under the NBCL representing the shares of Offered Common Stock are duly executed and countersigned; and (vii) the shares of Common Stock are registered in the Company’s share registry and delivered upon payment of the agreed-upon consideration therefor, the shares of Offered Common Stock (including any Common Stock duly issued upon conversion, exchange or exercise of any Preferred Stock, or Warrants or the settlement of any Stock Purchase Contracts), when issued and sold or otherwise distributed in accordance with the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding agreement, will be duly authorized, validly issued, fully paid and nonassessable, provided that the consideration therefor is not less than no per share of Common Stock.

2. With respect to the shares of any series of Preferred Stock offered by the Company, including any Indeterminate Securities constituting Preferred Stock (the “Offered Preferred Stock”), when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement with respect to the Offered Preferred Stock has been prepared, delivered and filed in compliance with the Securities Act and the applicable Rules and Regulations; (iii) if the Offered Preferred Stock is to be sold pursuant to a firm commitment underwritten offering, the underwriting agreement with respect to the Offered Preferred Stock has been duly authorized, executed and delivered by the Company and the other parties thereto; (iv) the Board of Directors, including any appropriate committee appointed thereby, has taken all necessary corporate action to approve the issuance, sale and terms of the Offered Preferred Stock and related matters, including the adoption of a Certificate of Designation for the Offered Preferred Stock in accordance with the applicable provisions of the NBCL (the “Certificate of Designation”); (v) the filing of the Certificate of Designation with the Secretary of State of the State of Nevada has duly occurred; (vi) the terms of the Offered Preferred Stock and of their issuance and sale have been duly established and are then in conformity with the Certificate of Incorporation, including the Certificate of Designation relating to the Offered Preferred Stock, and the By-laws so as not to violate any applicable law, the Certificate of Incorporation or By-laws or result in a default under or breach of any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (vii) certificates in the form required under the NBCL representing the shares of Offered Preferred Stock are duly executed and countersigned; and (viii) the shares of Offered Preferred Stock are registered in the Company’s share registry and delivered upon payment of the agreed-upon consideration therefor, the shares of the Offered Preferred Stock (including any Preferred Stock duly issued upon conversion, exchange or exercise of any Preferred Stock, or Warrants or the settlement of any Stock Purchase Contracts), when issued and sold or otherwise distributed in accordance with the applicable underwriting agreement, if any, or any other duly authorized, executed and delivered valid and binding agreement, will be duly authorized, validly issued, fully paid and nonassessable, provided that the consideration therefor is not less than no per share of Preferred Stock.

3. With respect to any Warrants or Units offered by the Company, including any Indeterminate Securities constituting Warrants (the “Offered Warrants”), or Units (the “Offered Units”) when (i) the Registration Statement, as finally amended (including all necessary post-effective amendments), has become effective under the Securities Act; (ii) an appropriate prospectus supplement with respect to the Offered Warrants or Offered Units, as the case may be, has been prepared, delivered and filed in compliance with the Securities Act and the applicable Rules and Regulations; (iii) if the Offered Warrants or Offered Units, as the case may be, are to be sold pursuant to a firm commitment underwritten offering, the underwriting agreement with respect to the Offered Warrants or Offered Units, as the case may be, has been duly authorized, executed and delivered by the Company and the other parties thereto; (iv) the Board of Directors, including any appropriate committee appointed thereby, and appropriate officers of the Company have taken all necessary corporate action to approve the issuance and terms of the Offered Warrants or Offered Units, as the case may be, and the Offered Securities into which the Offered Warrants are exercisable, the consideration to be received therefor and related matters; (v) a Warrant Agreement relating to the Offered Warrants or Unit Agreement for the Offered Units, as the case may be, has been duly authorized, executed and delivered by the Company and the other parties thereto; (vi) the terms of the Offered Warrants and of their issuance and sale have been duly established in conformity with the applicable Warrant Agreement or the terms of the Offered Units and of their issuance and sale have been duly established in conformity with the applicable Unit Agreement so as not to violate any applicable law, the Certificate of Incorporation or By-laws or result in a default under or breach of any agreement or instrument binding upon the Company, and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company and the applicable Warrant Agent; and (vii) the Offered Warrants Unit or Offered Units, as the case may be, have been duly executed, delivered and countersigned in accordance with the provisions of the applicable Warrant Agreement or Unit Agreement as the case may be and duly issued and sold, and delivered upon payment of the agreed-upon consideration therefor in the form to be filed on a Current Report on Form 8-K or other applicable periodic report in the manner contemplated in the Registration Statement or any prospectus supplement relating thereto, the Offered Warrants (including any Offered Warrants duly issued upon conversion, exchange or exercise of any Preferred Stock) or Units, as the case may be, when issued and sold or otherwise distributed in accordance with the provisions of the applicable Warrant Agreement or Unit Agreement as the case may be and the applicable underwriting agreement or any other duly authorized, executed and delivered valid and binding agreement, will be duly authorized and validly issued and will be valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms, except to the extent that enforcement thereof may be limited by (a) bankruptcy, insolvency, reorganization, fraudulent conveyance, moratorium or other similar laws now or hereafter in effect relating to creditors’ rights generally, (b) general principles of equity (regardless of whether enforceability is considered in a proceeding at law or in equity), and (c) public policy considerations which may limit the rights of parties to obtain remedies.

Marathon Digital Holdings, Inc.

October 24, 2023

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We hereby consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement. We also hereby consent to the reference to our firm under the heading "Legal Matters" in the prospectus which forms a part of the Registration Statement. In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the Rules and Regulations. This opinion is expressed as of the date hereof unless otherwise expressly stated, and we disclaim any undertaking to advise you of any subsequent changes in the facts stated or assumed herein or of any subsequent changes in applicable laws.

Very truly yours,

/s/ Jolie Kahn

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM'S CONSENT

We consent to the incorporation by reference in this Registration Statement of Marathon Digital Holdings, Inc. on Form S-3 of our report dated March 16, 2023, with respect to our audits of the consolidated financial statements of Marathon Digital Holdings, Inc. as of December 31, 2022 and 2021 and for the years ended December 31, 2022 and 2021, and our report dated March 16, 2023 with respect to our audit of internal control over financial reporting of Marathon Digital Holdings, Inc. as of December 31, 2022 appearing in the Annual Report on Form 10-K of Marathon Digital Holdings, Inc. for the year ended December 31, 2022. We also consent to the reference to our firm under the heading "Experts" in such Prospectus.

Our report on the consolidated financial statements refers to a restatement of previously issued financial statements and a change in the method of accounting for crypto lending arrangements.

Our report on the effectiveness of internal control over financial reporting expressed an adverse opinion because of the existence of material weaknesses.

/s/ Marcum LLP

Marcum LLP
Costa Mesa, CA
October 24, 2023



770 E Warm Springs Road
Suite 225
Las Vegas, Nevada 89119

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in this Registration Statement on Form S-3 of our report dated March 16, 2021 relating to the financial statements of Marathon Digital Holdings, Inc. (The "Company") appearing in the Annual Report on Form 10-K of the Company for the year ended December 31, 2020 and to the reference to us under the heading "Experts" in the Prospectus, which is part of this Registration Statement.

RBSM LLP

RBSM LLP
Las Vegas, NV
October 24, 2023

FILING FEES

CALCULATION OF REGISTRATION FEE

Title of each class of Securities to be registered	Amount to be registered ⁽¹⁾	Proposed maximum offering price per unit ⁽²⁾	Proposed maximum aggregate offering price ⁽²⁾	Amount of registration fee ⁽³⁾
Common stock, \$0.0001 par value per share	—	—	—	—
Preferred stock, \$0.0001 par value per share	—	—	—	—
Warrants ⁽⁴⁾	—	—	—	—
Units	—	—	—	—
Total ⁽⁵⁾	—	—	\$ 750,000,000	\$ 110,700

- (1) There are being registered hereunder such indeterminate number of shares of common stock, preferred stock, such indeterminate number of warrants to purchase common stock or preferred stock and such indeterminate number of units consisting of any combination of the securities registered hereunder, as shall have an aggregate initial offering price not to exceed \$750,000,000. The securities registered also include such indeterminate amounts and numbers of common stock and preferred stock as may be issued upon conversion of or exchange for preferred stock that provide for conversion or exchange, upon exercise of warrants, issuance of units, or pursuant to the anti-dilution provisions of any such securities.
- (2) In no event will the aggregate initial offering price of all securities issued from time to time pursuant to this registration statement exceed \$750,000,000.
- (3) Intentionally omitted.
- (4) Includes warrants to purchase common stock and warrants to purchase preferred stock.
- (5) Any of the securities registered hereunder may be sold separately, or as units with other securities registered hereby. We will determine the proposed maximum offering price per unit when we issue the above listed securities. The proposed maximum per unit and aggregate offering prices per class of securities will be determined from time to time by the registrant in connection with the issuance by the registrant of the securities registered under this registration statement and is not specified as to each class of security pursuant to General Instruction II.D of Form S-3 under the Securities Act.