Precipio, Inc. Form PRE 14A December 18, 2017 Table of Contents

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 14A

(RULE 14a-101)

Proxy Statement Pursuant to Section 14(a) of the

Securities Exchange Act of 1934

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material under §240.14a-12

PRECIPIO, INC.

(Name of Registrant as Specified In Its Charter)

N/A

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No f	ee required.
Fee	computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
(1)	Title of each class of securities to which transaction applies:
(2)	Aggregate number of securities to which transaction applies:
(3)	Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
(4)	Proposed maximum aggregate value of transaction:
(5)	Total fee paid:
Fee	paid previously with preliminary materials.
whic	ck box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for the hot hot offsetting fee was paid previously. Identify the previous filing by registration statement number, or Form or Schedule and the date of its filing.
(1)	Amount Previously Paid:
(2)	Form, Schedule or Registration Statement No.:
(3)	Filing Party:
(4)	Date Filed:

4 Science Park

New Haven, Connecticut 06511

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

To Be Held On January 30, 2018

To Our Stockholders:

Notice is hereby given that a special meeting of stockholders (the Special Meeting) of Precipio, Inc., a Delaware corporation (the Company or Precipio), will be held at the Company s principal executive offices, 4 Science Park, New Haven, CT 06511, on January 30, 2018, at 11:00 a.m. (local time), for the following purposes (which are more fully described in the proxy statement, which is attached and made a part of this Notice):

- 1. To approve, for purposes of complying with applicable NASDAQ Listing Rules, (i) the potential issuance of more than 20% of the Company s common stock pursuant to the Company s November 2017 registered direct offering of the Company s Series C Convertible Preferred Stock (Series C Preferred Stock) and warrants to purchase common stock (Warrants) and (ii) the terms of the Series C Preferred Stock and Warrants (the Offering Proposal).
- 2. To approve an amendment and restatement of the Company s 2017 Stock Option and Incentive Plan (the 2017 Plan) to (i) increase the aggregate number of shares authorized for issuance under the 2017 Plan by 5,389,500 shares to 6,056,166 shares; (ii) increase the maximum number of shares that may be granted in the form of stock options or stock appreciation rights to any one individual in any one calendar year and the maximum number of shares underlying any award intended to qualify as performance-based compensation to any one individual in any performance cycle, in each case to 1,000,000 shares of common stock; (iii) increase the aggregate number of shares authorized for issuance under the 2017 Plan as incentive stock options to 6,056,166 shares, cumulatively increased on January 1, 2019 and on each January 1 thereafter by the lesser of the annual increase for such year or 500,000 shares; and (iv) add an evergreen provision, pursuant to which the aggregate number of shares authorized for issuance under the 2017 Plan will be automatically increased each year beginning on January 1, 2019 by 5% of the number of shares of common stock issued and outstanding on the immediately preceding December 31, or such lesser number of shares determined by our Board of Directors or Compensation Committee (the 2017 Plan Amendment Proposal); and
- 3. To transact such other business as may properly come before the meeting or any adjournments or postponements thereof.

Pursuant to the Amended and Restated Bylaws of the Company, no business is proper for consideration, or may be acted upon, at the Special Meeting, except as set forth in this Notice of Special Meeting of Stockholders.

The Board of Directors recommends that stockholders vote FOR the Offering Proposal. The Board of Directors reasons for seeking approval of the Offering Proposal are set forth under Proposal 1 Proposal to Approve the Issuance of Securities in connection with a Registered Direct Offering in the attached Proxy Statement.

The Board of Directors recommends that stockholders vote FOR the 2017 Plan Amendment Proposal. The Board of Directors reasons for seeking approval of the 2017 Plan Amendment Proposal are set forth under Proposal 2 Proposal to Amend and Restate the 2017 Stock Option and Incentive Plan in the attached Proxy Statement.

Stockholders of record at the close of business on December 26, 2017 (the Record Date) are entitled to notice of, and to attend and to vote at, the Special Meeting and any postponement or adjournment thereof. This Notice of Special Meeting of Stockholders and the attached Proxy Statement are first being mailed to the Company s stockholders on or about January 2, 2018.

All stockholders are cordially invited to attend the Special Meeting in person. Stockholders of record as of the Record Date will be admitted to the Special Meeting and any postponement or adjournment thereof upon presentation of identification. Please note that if your shares are held in the name of a bank, broker, or other nominee, and you wish to vote in person at the Special Meeting, you must bring to the Special Meeting a statement or letter from your bank, broker or other nominee showing your ownership of shares as of the Record Date and a proxy from the record holder of the shares authorizing you to vote at the Special Meeting (such statement/letter and proxy are required in addition to your personal identification).

Whether or not you plan to attend the Special Meeting in person, you are encouraged to read the attached Proxy Statement and then cast your vote as promptly as possible in accordance with the instructions contained in the attached Proxy Statement. Even if you have given your proxy, you may still vote in person if you attend the Special Meeting and follow the instructions contained in the attached Proxy Statement.

By Order of the Board of Directors of

Precipio, Inc.

Sincerely,

/s/ Ilan Danieli Ilan Danieli

President and Chief Executive Officer

New Haven, Connecticut

December , 2017

Your vote is important, whether or not you expect to attend the Special Meeting of Stockholders. You are urged to vote either via the Internet or telephone, or to mark, sign and date and promptly return the proxy in the stamped return envelope provided with such materials. Voting promptly will help avoid the additional expense of further solicitation to assure a quorum at the meeting.

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PRECIPIO, INC.

PROXY STATEMENT

FOR THE SPECIAL MEETING OF STOCKHOLDERS

January 30, 2018

PROXY STATEMENT

The following information is furnished to each stockholder in connection with the foregoing Notice of Special Meeting of Stockholders of Precipio, Inc. to be held at the Company's principal executive offices, 4 Science Park, New Haven, CT 06511, on January 30, 2018, at 11:00 a.m. (local time). The enclosed proxy is for use at the special meeting of stockholders (the Special Meeting) and any postponement or adjournment thereof. This proxy statement (this Proxy Statement) and form of proxy are being mailed to stockholders on or about January 2, 2018. Unless the content requires otherwise, references to Precipio, the Company, we, our, and us in this Proxy Statement refer to Precipio, Inc. and its subsidiary.

In accordance with the Amended and Restated Bylaws of the Company (the Bylaws), the Special Meeting has been called for the following purposes:

- 1. To approve, for purposes of complying with applicable NASDAQ Listing Rules, (i) the potential issuance of more than 20% of the Company s common stock (Common Stock) pursuant to the Company s November 2017 registered direct offering of the Company s Series C Convertible Preferred Stock (Series C Preferred Stock) and warrants to purchase Common Stock (Warrants) and (ii) the terms of the Series C Preferred Stock and Warrants (the Offering Proposal).
- 2. To approve an amendment and restatement of the Company's 2017 Stock Option and Incentive Plan (the 2017 Plan) to (i) increase the aggregate number of shares authorized for issuance under the 2017 Plan by 5,389,500 shares to 6,056,166 shares; (ii) increase the maximum number of shares that may be granted in the form of stock options or stock appreciation rights to any one individual in any one calendar year and the maximum number of shares underlying any award intended to qualify as performance-based compensation to any one individual in any performance cycle, in each case to 1,000,000 shares of common stock; (iii) increase the aggregate number of shares authorized for issuance under the 2017 Plan as incentive stock options to 6,056,166 shares, cumulatively increased on January 1, 2019 and on each January 1 thereafter by the lesser of the annual increase for such year or 500,000 shares; and (iv) add an

evergreen provision, pursuant to which the aggregate number of shares authorized for issuance under the 2017 Plan will be automatically increased each year beginning on January 1, 2019 by 5% of the number of shares of common stock issued and outstanding on the immediately preceding December 31, or such lesser number of shares determined by our Board of Directors or Compensation Committee (the 2017 Plan Amendment Proposal); and

3. To transact such other business as may properly come before the meeting or any adjournments or postponements thereof.

Pursuant to the Bylaws, no business is proper for consideration, or may be acted upon, at the Special Meeting, except as set forth in the Notice of Special Meeting of Stockholders.

Shares represented by duly executed and unrevoked proxies will be voted at the Special Meeting and any postponement or adjournment thereof in accordance with the specifications made therein. If no such specification is made, shares represented by duly executed and unrevoked proxies will be voted FOR the Offering Proposal and FOR the 2017 Plan Amendment Proposal.

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Questions and Answers about the Special Meeting and Voting

1. Why am I receiving these materials?

The Company sent you this Proxy Statement and enclosed proxy card because the Board of Directors is soliciting your proxy to vote at the Special Meeting. The Company intends to mail this Proxy Statement and accompanying proxy card on or about January 2, 2018 to all stockholders of record entitled to vote at the Special Meeting.

2. What is the purpose of the Special Meeting?

At the Special Meeting, the stockholders will act upon the matters outlined in the Notice of Special Meeting of Stockholders.

3. Who can vote at the Special Meeting?

Only stockholders of record at the close of business on December 26, 2017 (the Record Date). Each stockholder will be entitled to cast one vote on the proposal presented at the Special Meeting for each share of Common Stock that such holder owned as of the Record Date.

4. What are my voting rights?

Holders of Common Stock are entitled to one vote per share. As of the Record Date, a total of [] shares of Common Stock were outstanding. There is no cumulative voting.

5. How do I cast my vote?

If you are a stockholder of record on the Record Date, you may vote in person at the Special Meeting or authorize a proxy for the Special Meeting. You can authorize your proxy by completing, signing, dating and returning the enclosed proxy card in the accompanying pre-addressed, postage-paid envelope, or, if you prefer, by following the instructions on your proxy card for telephonic or Internet proxy authorization. If the telephone or Internet option is available to you, the Company strongly encourages you to use it because it is faster and less costly. Registered stockholders can transmit their voting instructions by telephone by calling 1-800-690-6903 or on the Internet at www.proxyvote.com. Telephone and Internet voting are available 24 hours a day until 11:59 p.m., Eastern Time, on the day immediately prior to the Special Meeting. Have your proxy card with you if you are going to authorize your proxy by telephone or through the Internet. To authorize your proxy by mail, please complete, sign, date and mail your proxy card in the envelope provided. If you attend the Special Meeting in person, you may request a ballot when you arrive.

6. How do I change my vote?

You may revoke your proxy and change your vote at any time before the final vote at the Special Meeting. You can revoke a proxy (i) by giving written revocation to the Company s secretary, (ii) delivering an executed, later-dated

proxy or (iii) voting in person at the Special Meeting. However, your attendance at the Special Meeting will not automatically revoke your proxy unless you vote again at the meeting or specifically request in writing that your proxy be revoked. If your Common Stock is held in street name and you wish to change or revoke your voting instructions, you should contact your financial institution for information on how to do so.

7. You may vote FOR, AGAINST or ABSTAIN on each of the proposals. If you submit your proxy but abstain from voting on one or more matters, your shares will be counted as present at the meeting for the purpose of determining if a quorum exists. If you abstain from voting on a proposal, your abstention will have the effect of a vote against that proposal.

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If your shares are registered in your name or if you have stock certificates, they will not be counted if you do not vote as described above under. How do I cast my vote? If your shares are held in street name and you do not provide voting instructions to your financial institution as described above, your financial institution does not have the discretionary authority to vote your shares regarding Proposal 1 or Proposal 2. Therefore, we encourage you to provide voting instructions to your financial institution. This ensures your shares will be voted at the Special Meeting and in the manner you desire. A Broker Non-Vote will occur if your financial institution does not receive instructions from you.

- 8. Where and when will I be able to find the results of the voting? Preliminary results will be announced at the Special Meeting. The Company will publish the final results in a Current Report on Form 8-K to be filed with the Securities and Exchange Commission no later than four business days after the date of the Special Meeting.
- 9. Where is the Special Meeting being held?
 We will hold the Special Meeting at the Company s principal executive offices, 4 Science Park, New Haven, CT 06511, on January 30, 2018, at 11:00 a.m. (local time), unless postponed or adjourned to a later date.

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PROPOSAL 1

PROPOSAL TO APPROVE THE ISSUANCE OF SECURITIES IN CONNECTION WITH A

REGISTERED DIRECT OFFERING

Background

As disclosed in the Company s Form 8-K filed on November 13, 2017, on November 9, 2017, the Company completed its sale of 2,748 units, each consisting of one share of the Company s Series C Convertible Preferred Stock, par value \$0.01 per share (the Series C Preferred Stock), convertible into a number of shares of the Company s common stock, par value \$0.01 per share (the Common Stock), equal to \$1,000 divided by \$1.40, and warrants to purchase up to 1,962,857 shares of Common Stock with an exercise price of \$1.63 per share (the Warrants) at a combined offering price of \$1,000 per unit, in a registered direct offering (the Offering). The Offering was completed pursuant to the terms of a placement agency agreement dated as of November 2, 2017, as amended on November 9, 2017 (as amended, the Placement Agreement) between the Company and Aegis Capital Corp. (the Placement Agent). The Warrants will become exercisable on the six month anniversary of the date of issuance and will expire five years from the date on which they are initially exercisable. Gross proceeds from the Offering were approximately \$2.4 million. The Company intends to use the net proceeds from the Offering for general corporate purposes, including, but not limited to, growth of the Company s sales force and business development team, progression of the Company s product development and working capital.

NASDAQ Listing Rule 5635(d) requires stockholder approval prior to the issuance of securities in connection with a transaction (or a series of related transactions) other than a public offering involving the sale, issuance or potential issuance of common stock (or securities convertible into or exercisable for common stock) at a price less than the greater of book or market value which equals 20% or more of the common stock or 20% or more of the voting power outstanding before the issuance (the 20% Threshold). Although on the date of the closing of the Offering the number of shares of Common Stock issuable upon conversion of the Series C Preferred Stock was less than the 20% Threshold, the anti-dilution protection provided to holders of Series C Preferred Stock could result in the issuance of a number of shares of Common Stock greater than the 20% Threshold. To comply with NASDAQ Listing Rules, the Company s Certificate of Designation of Preferences, Rights and Limitations of Series C Convertible Preferred Stock (the Certificate of Designation) contains a limitation on the maximum number of shares of Common Stock issuable upon conversion of the Series C Preferred Stock until we obtain approval from our stockholders of issuances of Common Stock in excess of the maximum number of shares issuable under NASDAQ Listing Rule 5635(d) (the Stockholder Approval).

The shares of Common Stock issuable upon exercise of the Warrants were not included in determining whether the number of shares issuable in the Offering was greater than the 20% Threshold because the Warrants are not exercisable for six months following the Offering and provide that the anti-dilution protection set forth therein will not become operative until we have obtained Stockholder Approval.

Pursuant to the Placement Agreement, we agreed to file this Proxy Statement and obtain Stockholder Approval and we have agreed, until the later of (i) 90 days after the closing date of the Offering, and (ii) the date on which Stockholder Approval has been obtained, not to issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of Common Stock or securities convertible or exercisable into Common Stock, subject to certain limited exceptions, without written approval from the Placement Agent.

Description of Series C Preferred Stock

The material terms and provisions of the shares of Series C Preferred Stock sold in the Offering are summarized below. This summary of some provisions of the Series C Preferred Stock is not complete. For the complete terms of the Series C Preferred Stock, you should refer to the Certificate of Designation attached hereto as <u>Annex C</u>.

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Each share of Series C Preferred Stock is convertible at any time at the holder s option into a number of shares of Common Stock equal to \$1,000 divided by the conversion price of the Series C Preferred Stock. Such conversion price is initially \$1.40 and is subject to adjustment for stock splits, stock dividends, distributions, subdivisions and combinations and, as discussed below, certain dilutive issuances of our Common Stock or securities convertible into or exercisable for shares of our Common Stock.

In order to comply with NASDAQ Listing Rules, the Certificate of Designation contains a limitation on the maximum number of shares of Common Stock issuable upon conversion of the Series C Preferred Stock. The Certificate of Designation provides that we will not be obligated to issue any shares of Common Stock, and a holder will not have the right to convert any portion of the Series C Preferred Stock, if such issuance (taken together with any prior issuance of shares of Common Stock upon conversion of the Series C Preferred Stock) would exceed 1,961,914 shares of Common Stock, which is the aggregate number of shares of Common Stock which we may issue upon conversion of the Series C Preferred Stock without breaching our obligations under the rules and regulations of the Nasdaq Capital Market, except that such limitation will not apply in the event that we (A) obtain the approval of our stockholders as required by the applicable rules of the Nasdaq Capital Market for issuances of Common Stock in excess of such number of shares of Common Stock or (B) obtain a written opinion from our outside counsel that such approval is not required, which opinion will be reasonably satisfactory to the holder.

The Certificate of Designation further provides that we may not effect any conversion of shares of Series C Preferred Stock, with certain exceptions, to the extent that, after giving effect to an attempted conversion, the holder of shares of Series C Preferred Stock (together with such holder s affiliates, and any persons acting as a group together with such holder or any of such holder s affiliates) would beneficially own a number of shares of Common Stock in excess of 4.99% (or, at the election of the holder, 9.99%) of the shares of our Common Stock then outstanding after giving effect to such exercise (the Preferred Stock Beneficial Ownership Limitation); provided, however, that upon notice to us, the holder may increase or decrease the Preferred Stock Beneficial Ownership Limitation, provided that in no event may the Preferred Stock Beneficial Ownership Limitation exceed 9.99% and any increase in the Preferred Stock Beneficial Ownership Limitation will not be effective until 61 days following notice of such increase from the holder to us.

The Certificate of Designation also prohibits us from issuing any shares of Common Stock or securities convertible or exercisable into Common Stock at a price per share below the then effective conversion price of the Series C Preferred Stock, subject to certain limited exceptions, or entering into any agreement or making any public announcement with respect to such a dilutive issuance, until we have filed a proxy statement under Section 14(a) of the Securities Exchange Act of 1934, as amended (the Exchange Act) or information statement pursuant to Section 14(c) of the Exchange Act with the Securities and Exchange Commission (SEC) and obtained approval of the Offering from our stockholders, including approval of issuances in excess of the maximum number of shares issuable under the rules and regulations of the Nasdaq Capital Market.

If prior to the second anniversary of the original issue date of the Series C Preferred Stock, we sell or grant any option to purchase or sell or grant any right to reprice, or otherwise dispose of or issue, any of our Common Stock or securities convertible into or exercisable for shares of our Common Stock at an effective price per share that is lower than the conversion price then in effect, then the conversion price will be reduced to equal the higher of (A) such lower price or (B) \$0.05, subject to an exception for the following types of issuances (i) issuances to our employees, officers or directors pursuant to any stock or option plan adopted by a majority of the non-employee members of our Board of Directors or committee thereof, (ii) issuances upon the exercise or exchange of any securities issued in connection with the Offering or convertible into shares of Common Stock issued and outstanding on the date of the Placement Agreement, provided that such securities have not been amended since the date of the Placement Agreement to increase the number of securities or decrease the exercise, exchange or conversion price, or

(iii) issuances pursuant to acquisitions or strategic transactions approved by a majority of the disinterested members of our Board of Directors, provided that such securities are restricted securities under Rule 144 and carry no registration rights that require or permit the filing of any registration

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statement in connection therewith during the 90-day period following the original issuance date of the Series C Preferred Stock, and provided that any such issuance is to a person or its equityholders that is an operating company or an owner of an asset in a business synergistic with the business of our company and will provide our company with additional benefits in addition to the investment of funds, but will not include a transaction in which we issue securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities (the issuances referred to in (i) through (iii) above, the Exempt Issuances).

In the event of a liquidation, the holders of shares of Series C Preferred Stock are entitled to an amount equal to the par value of the Series C Preferred Stock and thereafter to participate on an as-converted-to-common stock basis with holders of Common Stock in any distribution of assets of the Company to the holders of Common Stock. The Certificate of Designation provides, among other things, that we will not pay any dividends on shares of Common Stock (other than dividends in the form of Common Stock) unless and until such time as we pay dividends on each share of Series C Preferred Stock on an as-converted basis. Other than as set forth in the previous sentence, the Certificate of Designation provides that no other dividends will be paid on shares of Series C Preferred Stock and that we will pay no dividends (other than dividends in the form of Common Stock) on shares of Common Stock unless we simultaneously comply with the previous sentence. The Certificate of Designation does not provide for any restriction on the repurchase of shares of Series C Preferred Stock by us while there is any arrearage in the payment of dividends on shares of Series C Preferred Stock. There are no sinking fund provisions applicable to the Series C Preferred Stock.

In addition, in the event we consummate a merger or consolidation with or into another person or other reorganization event in which our shares of Common Stock are converted or exchanged for securities, cash or other property, or we sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of our assets or we or another person acquire 50% or more of our outstanding shares of Common Stock, then following such event, the holders of shares of Series C Preferred Stock will be entitled to receive upon conversion of such shares of Series C Preferred Stock the same kind and amount of securities, cash or property which the holders would have received had they converted the Series C Preferred Stock to Common Stock immediately prior to such fundamental transaction. Any successor to us or surviving entity is required to assume the obligations under the Series C Preferred Stock.

Notwithstanding the foregoing, in the event we are not the surviving entity of a fundamental transaction or in the event of a reverse merger or similar transaction where we are the surviving entity, then, automatically and contemporaneous with the consummation of such transaction, the surviving entity (or our company in the event of a reverse merger or similar transaction) will purchase the then outstanding shares of Series C Preferred Stock by paying and issuing, in the event that such consideration given to the holders of our Common Stock is non-cash consideration, as the case may be, to each holder an amount equal to the cash consideration plus the non-cash consideration in the form issuable to the holders of our Common Stock (in the case of a reverse merger or similar transaction, shares of common stock issuable to the holders of the acquired company) per share of our Common Stock in the fundamental transaction multiplied by the number of shares of Common Stock underlying the shares of Series C Preferred Stock held by the holder on the date immediately prior to the consummation of the fundamental transaction. Such amount will be paid in the same form and mix (whether securities, cash or property, or any combination of the foregoing) as the consideration received by holders of our Common Stock in the fundamental transaction.

With certain exceptions, as described in the Certificate of Designation, share of Series C Preferred Stock have no voting rights. However, as long as any shares of Series C Preferred Stock remain outstanding, the Certificate of Designation provides that we may not, without the affirmative vote of holders of a majority of the then-outstanding shares of Series C Preferred Stock, (a) alter or change adversely the powers, preferences or rights given to the Series C Preferred Stock or alter or amend the Certificate of Designation, (b) increase the number of authorized shares of Series C Preferred Stock or (c) amend our Certificate of Incorporation or other charter documents in any manner that adversely affects any rights of holders of Series C Preferred Stock.

Description of Warrants

The material terms and provisions of the Warrants sold in the Offering are summarized below. This summary of some provisions of the Warrants is not complete. For the complete terms of the Warrants, you should refer to the form of Warrant attached hereto as Annex B.

The Warrants were issued on November 9, 2017 and are exercisable at any time six months after their original issuance, and at any time up to the date that is five years after the date on which they become exercisable. The Warrants will be exercisable, at the option of each holder, in whole or in part by delivering to us a duly executed exercise notice and, at any time a registration statement registering the issuance of the shares of Common Stock underlying the Warrants under the Securities Act of 1933, as amended (the Securities Act) is effective and available for the issuance of such shares, or an exemption from registration under the Securities Act is available for the issuance of such shares, by payment in full in immediately available funds for the number of shares of Common Stock purchased upon such exercise. If a registration statement registering the issuance of the shares of Common Stock underlying the Warrants under the Securities Act is not effective or available and an exemption from registration under the Securities Act is not available for the issuance of such shares, the holder may, in its sole discretion, elect to exercise the Warrant through a cashless exercise, in which case the holder would receive upon such exercise the net number of shares of Common Stock determined according to the formula set forth in the Warrant. No fractional shares of Common Stock will be issued in connection with the exercise of a Warrant. In lieu of fractional shares, we will pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price.

A holder will not have the right to exercise any portion of the Warrant if the holder (together with its affiliates) would beneficially own in excess of 4.99% of the number of shares of our Common Stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Warrants. However, any holder may increase or decrease such percentage to any other percentage not in excess of 9.99% upon at least 61 days prior notice from the holder to us.

The exercise price per whole share of Common Stock purchasable upon exercise of the Warrants is \$1.63 per share of Common Stock. The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our Common Stock and also upon any distributions of assets, including cash, stock or other property to our stockholders. If, at any time while the Warrants are outstanding, we sell or grant any option to purchase or sell or grant any right to reprice, or otherwise dispose of or issue, any of our Common Stock or securities convertible into or exercisable for shares of our Common Stock at an effective price per share that is lower than the exercise price then in effect, then the exercise price will be reduced to equal the higher of (A) such lower price or (B) \$0.05, subject to an exception for the following types of issuances (i) issuances to our employees, officers or directors pursuant to any stock or option plan adopted by a majority of the non-employee members of our Board of Directors or committee thereof, (ii) issuances upon the exercise or exchange of any securities issued in connection with the Offering or convertible into shares of Common Stock issued and outstanding on the date of the issuance of the Warrants, provided that such securities have not been amended since the date of the issuance of the Warrants to increase the number of securities or decrease the exercise, exchange or conversion price, or (iii) issuances pursuant to acquisitions or strategic transactions approved by a majority of the disinterested members of our Board of Directors, provided that such securities are restricted securities under Rule 144 and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the 90-day period following the date of the issuance of the Warrants, and provided that any such issuance is to a person or its equityholders that is an operating company or an owner of an asset in a business synergistic with the business of our company and will provide our company with additional benefits in addition to the investment of funds, but will not include a transaction in which we issue securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities. The foregoing adjustments to the exercise

price upon certain dilutive issuances will not become operative until we have obtained Stockholder Approval.

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Subject to applicable laws, the Warrants may be offered for sale, sold, transferred or assigned without our consent.

In the event of a fundamental transaction, as described in the Warrants and generally including any reorganization, recapitalization or reclassification of our Common Stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding Common Stock, or any person or group becoming the beneficial owner of 50% of the voting power represented by our outstanding Common Stock, the holders of the Warrants will be entitled to receive upon exercise of the Warrants the kind and amount of securities, cash or other property that the holders would have received had they exercised the Warrants immediately prior to such fundamental transaction.

Except as otherwise provided in the Warrants or by virtue of such holder s ownership of shares of our Common Stock, the holder of a Warrant does not have the rights or privileges of a holder of our Common Stock, including any voting rights, until the holder exercises the Warrant.

Why We Are Seeking Your Approval

We are seeking your approval of the Offering and the terms of the Series C Preferred Stock and Warrants so that we will no longer be bound by the restriction on issuances of equity securities contained in the Placement Agreement and to ensure our compliance with NASDAQ s Listing Rules. Pursuant to the Placement Agreement, we agreed to file this Proxy Statement and obtain Stockholder Approval and we have agreed, until the later of (i) 90 days after the closing date of the Offering, and (ii) the date on which Stockholder Approval has been obtained, not to issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of Common Stock or securities convertible or exercisable into Common Stock, subject to certain limited exceptions, without written approval from the Placement Agent. In addition, the Certificate of Designation prohibits us from issuing any shares of Common Stock or securities convertible or exercisable into Common Stock at a price per share below the then effective conversion price of the Series C Preferred Stock, subject to certain limited exceptions, or entering into any agreement or making any public announcement with respect to such a dilutive issuance, until we have obtained Stockholder Approval. Until we obtain Stockholder Approval or a waiver of the foregoing restriction under the Placement Agreement, we will not be able to raise additional capital and we may have to restrict or cease our operations. As disclosed in our public filings with the SEC, we will need additional financing to continue operations.

Possible Consequences of Approving this Proposal

If proposal No.1 is approved by our stockholders, the limitation in the Certificate of Designation on the maximum number of shares of Common Stock issuable upon conversion of the Series C Preferred Stock would become inoperative. As a result, in the event that the conversion price of the Series C Preferred Stock were adjusted as a result of an issuance of securities below the conversion price then in effect, the number of shares of Common Stock issuable upon conversion of the Series C Preferred Stock could be increased to greater than 20% of the outstanding shares of Common Stock as of immediately prior to the Offering. The anti-dilution protection set forth in the Warrants would also become operative. As a result, the exercise price of the Warrants would be adjusted in the event of an issuance of securities at a price lower than the exercise price of the Warrants and the Company would therefore receive less cash upon exercise of the Warrants. Upon obtaining Stockholder Approval, we would no longer be bound by the restriction on issuances of equity securities contained in the Placement Agreement or the restriction on dilutive issuances contained in the Certificate of Designation.

Possible Consequences of Not Approving this Proposal

If proposal No.1 is not approved by our stockholders, we will continue to be bound by the restriction on issuances of equity securities contained in the Placement Agreement, we will be unable to raise additional capital

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without written approval from the Placement Agent and a waiver from the holders of our Series C Preferred Stock and we may have to significantly delay, scale back or discontinue the development and/or commercialization of one or more of our product candidates or restrict or cease our operations. In addition, our inability to raise additional capital is likely to cause a significant decline in our stock price or otherwise cause increased volatility in the stock price.

The information provided in this proxy statement contains summaries of the Placement Agreement, the Warrants and the Certificate of Designation and is subject to, and qualified in its entirety by reference to, the Placement Agreement, which is attached hereto as <u>Annex A</u>, the Form of Warrant, which is attached hereto as <u>Annex B</u>, and the Certificate of Designation, which is attached hereto as <u>Annex C</u>, and each of which is incorporated herein by reference.

Required Vote

A quorum being present, the approval of the Offering Proposal requires the affirmative vote of a majority of the shares of our Common Stock present in person or by proxy at the Special Meeting and entitled to vote thereon as of the Record Date. Abstentions will have the effect of a vote AGAINST the proposal. Broker non-votes will have no effect on the proposal.

Recommendation of the Board of Directors

The Board of Directors recommends that the stockholders vote FOR the approval of the Offering Proposal.

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PROPOSAL 2

PROPOSAL TO AMEND AND RESTATE THE 2017 STOCK OPTION AND INCENTIVE PLAN

Overview

The Board of Directors believes that stock options and other stock-based incentive awards can play an important role in the success of the Company by encouraging and enabling the employees, officers, non-employee directors and consultants of the Company and its subsidiaries upon whose judgment, initiative and efforts the Company largely depends for the successful conduct of its business to acquire a proprietary interest in the Company. The Board of Directors anticipates that providing such persons with a direct stake in the Company will assure a closer identification of the interests of such individuals with those of the Company and its stockholders, thereby stimulating their efforts on the Company s behalf and strengthening their desire to remain with the Company.

On December 17, 2017, the Board of Directors approved an amendment and restatement of the 2017 Stock Option and Incentive Plan (as amended and restated, the 2017 Plan), subject to stockholder approval, (i) to increase the aggregate number of shares authorized for issuance under the 2017 Plan by 5,389,500 shares to 6,056,166 shares (subject to adjustment for stock splits and similar events); (ii) to increase the maximum number of shares that may be granted in the form of stock options or stock appreciation rights to any one individual in any one calendar year and the maximum number of shares underlying any award intended to qualify as performance-based compensation to any one individual in any performance cycle, in each case to 1,000,000 shares of Common Stock (subject to adjustment for stock splits and similar events); (iii) to increase the aggregate number of shares that may be issued in the form of incentive stock options to 6,056,166 shares, cumulatively increased on January 1, 2019 and on each January 1 thereafter by the lesser of the annual increase for such year or 500,000 shares (subject to adjustment for stock splits and similar events); and (iv) to add an evergreen provision, pursuant to which the aggregate number of shares authorized for issuance under the 2017 Plan will be automatically increased each year beginning on January 1, 2019 by 5% of the number of shares of Common Stock issued and outstanding on the immediately preceding December 31, or such lesser number of shares determined by our Board of Directors or Compensation Committee. This amendment and restatement is designed to enhance the flexibility of the Compensation Committee in granting stock options and other awards to our officers, employees, non-employee directors and consultants and to ensure that the Company can continue to grant stock options and other awards to such persons at levels determined to be appropriate by the Compensation Committee. A copy of the 2017 Plan (as amended and restated) is attached as Annex D to this Proxy Statement and is incorporated herein by reference.

Summary of Material Features

The material features of the 2017 Plan are:

6,056,166 shares of Common Stock have been initially reserved for the issuance under the 2017 Plan, plus on January 1, 2019 and each January 1 thereafter, the number of shares of Common Stock reserved and available for issuance under the 2017 Plan will be cumulatively increased by 5% of the number of shares of Common Stock outstanding on the immediately preceding December 31 or such lesser number of shares of Common Stock determined by the Board of Directors or the Compensation Committee;

Shares of Common Stock that are forfeited, cancelled, held back upon the exercise or settlement of an award to cover the exercise price or tax withholding, reacquired by the Company prior to vesting, satisfied without the issuance of Common Stock or otherwise terminated (other than by exercise) under the 2017 Plan are added back to the shares of Common Stock available for issuance under the 2017 Plan. Shares of Common Stock reacquired by the Company on the open market will not be added to the reserved pool under the 2017 Plan;

The award of stock options (both incentive and non-qualified options), stock appreciation rights, restricted stock awards, restricted stock units, unrestricted stock awards, cash-based awards, performance share awards and dividend equivalent rights is permitted under the 2017 Plan;

No dividends or dividend equivalents may be paid on full value awards (restricted stock, restricted stock units and performance share awards) subject to performance vesting until such shares are actually earned upon satisfaction of the performance criteria;

The value of all equity awards made under the 2017 Plan and all other cash compensation paid by the Company to any non-employee director in any calendar year may not exceed \$500,000;

Any material amendment to the 2017 Plan is subject to approval by our stockholders; and

The term of the 2017 Plan will expire on the tenth anniversary of the date on which our stockholders approve the 2017 Plan.

Based solely on the closing price of our Common Stock as reported by The NASDAQ Capital Market on December , 2017 and the maximum number of shares that would have been available for awards as of such date taking into account the proposed increase described herein (but not the effect of the annual evergreen increases), the maximum aggregate market value of the Common Stock that could potentially be issued under the 2017 Plan is approximately \$ million.

Qualified Performance-Based Compensation under Code Section 162(m)

To ensure that certain awards granted under the 2017 Plan to a Covered Employee (as defined in the Internal Revenue Code of 1986 (the Code)) qualify as performance-based compensation under Section 162(m) of the Code, the 2017 Plan provides that the Compensation Committee may require that the vesting of such awards be conditioned on the satisfaction of performance criteria that may include any or all of the following: (1) total shareholder return; (2) earnings before interest, taxes, depreciation and amortization; (3) net income (loss) (either before or after interest, taxes, depreciation and/or amortization); (4) changes in the market price of the Common Stock; (5) economic value-added; (6) funds from operations or similar measures; (7) sales or revenue; (8) acquisitions or strategic transactions; (9) operating income (loss); (10) cash flow (including, but not limited to, operating cash flow and free cash flow); (11) return on capital, assets, equity or investment; (12) return on sales; (13) gross or net profit levels; (14) productivity; (15) expense; (16) margins; (17) operating efficiency; (18) customer satisfaction; (19) working capital; (20) earnings (loss) per share of Common Stock; (21) sales or market shares; and (22) number of customers, any of which may be measured either in absolute terms or as compared to any incremental increase or as compared to results of a peer group. The Compensation Committee will select the particular performance criteria within 90 days following the commencement of a performance cycle. Subject to adjustments for stock splits and similar events, the maximum award granted to any one individual that is intended to qualify as performance-based compensation under Section 162(m) of the Code will not exceed 1,000,000 shares of Common Stock for any performance cycle and options or stock appreciation rights with respect to no more than 1,000,000 shares of Common Stock may be granted to any one individual during any calendar year period. If a performance-based award is payable in cash, it cannot exceed \$1,000,000 for any performance cycle.

Rationale for Share Increase

The 2017 Plan is critical to our ongoing effort to build stockholder value. Our equity incentive program is broad-based and equity incentive awards are, and we expect will be going forward, an important component of our executive and non-executive employees compensation. Our Compensation Committee and Board of Directors believe we must continue to offer a competitive equity compensation program in order to attract, retain and motivate the talented and qualified employees necessary for our continued growth and success.

If our request to increase the share reserve of the 2017 Plan by 5,389,500 shares to 6,056,166 shares of Common Stock is approved by stockholders, we will have approximately 5,880,834 shares available for grant

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after the Special Meeting, which is based on shares available for grant under the 2017 Plan as of the date hereof and the shares subject to this proposal.

Summary of the 2017 Plan

The following description of certain features of the 2017 Plan is intended to be a summary only. The summary is qualified in its entirety by the full text of the 2017 Plan that is attached hereto as <u>Annex D</u>.

Plan Administration. The 2017 Plan is administered by the Compensation Committee. The Compensation Committee has full power to select, from among the individuals eligible for awards, the individuals to whom awards will be granted, to make any combination of awards to participants, and to determine the specific terms and conditions of each award, subject to the provisions of the 2017 Plan. The Compensation Committee may delegate to our Chief Executive Officer the authority to grant awards to individuals who are not subject to the reporting and other provisions of Section 16 of the Exchange Act and not subject to Section 162(m) of the Code, subject to certain limitations and guidelines.

Eligibility. Persons eligible to participate in the 2017 Plan are those full or part-time officers, employees, non-employee directors and consultants of the Company and its subsidiaries as selected from time to time by the Compensation Committee in its discretion. Approximately 40 individuals are currently eligible to participate in the 2017 Plan, which includes two officers, 32 employees who are not officers, and six non-employee directors.

Plan Limits. The maximum award of stock options or stock appreciation rights granted to any one individual will not exceed 1,000,000 shares of Common Stock (subject to adjustment for stock splits and similar events) for any calendar year period. If any award of restricted stock, restricted stock units or performance shares granted to an individual is intended to qualify as performance-based compensation under Section 162(m) of the Code, then the maximum award shall not exceed 1,000,000 shares of Common Stock (subject to adjustment for stock splits and similar events) to any one such individual in any performance cycle. If any cash-based award is intended to qualify as performance-based compensation under Section 162(m) of the Code, then the maximum award to be paid in cash in any performance cycle may not exceed \$1,000,000. In addition, no more than 6,056,166 shares, cumulatively increased on January 1, 2019 and on each January 1 thereafter by the lesser of the annual increase for such year or 500,000 shares, may be issued in the form of incentive stock options.

Stock Options. The 2017 Plan permits the granting of (1) options to purchase Common Stock intended to qualify as incentive stock options under Section 422 of the Code and (2) options that do not so qualify. Options granted under the 2017 Plan will be non-qualified options if they fail to qualify as incentive options or exceed the annual limit on incentive stock options. Incentive stock options may only be granted to employees of the Company and its subsidiaries. Non-qualified options may be granted to any persons eligible to receive incentive options and to non-employee directors and consultants. The option exercise price of each option is determined by the Compensation Committee but may not be less than 100% of the fair market value of the Common Stock on the date of grant. Fair market value for this purpose is the last reported sale price of the shares of Common Stock on The NASDAQ Capital Market on the date of grant. The exercise price of an option may not be reduced after the date of the option grant, other than to appropriately reflect changes in our capital structure.

The term of each option will be fixed by the Compensation Committee and may not exceed ten years from the date of grant. The Compensation Committee will determine at what time or times each option may be exercised. Options may be made exercisable in installments and the exercisability of options may be accelerated by the Compensation Committee. In general, unless otherwise permitted by the Compensation Committee, no option granted under the 2017 Plan is transferable by the optionee other than by will or by the laws of descent and distribution, and options may be

exercised during the optionee s lifetime only by the optionee, or by the optionee s legal representative or guardian in the case of the optionee s incapacity.

Upon exercise of options, the option exercise price must be paid in full either in cash, by certified or bank check or other instrument acceptable to the Compensation Committee or by delivery (or attestation to the

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ownership) of shares of Common Stock that are not subject to restrictions under any Company plan. Subject to applicable law, the exercise price may also be delivered to the Company by a broker pursuant to irrevocable instructions to the broker from the optionee. In addition, the Compensation Committee may permit non-qualified options to be exercised using a net exercise feature which reduces the number of shares issued to the optionee by the number of shares with a fair market value equal to the exercise price.

To qualify as incentive options, options must meet additional federal tax requirements, including a \$100,000 limit on the value of shares subject to incentive options that first become exercisable by a participant in any one calendar year.

Stock Appreciation Rights. The Compensation Committee may award stock appreciation rights subject to such conditions and restrictions as the Compensation Committee may determine. Stock appreciation rights entitle the recipient to shares of Common Stock equal to the value of the appreciation in the stock price over the exercise price. The exercise price is the fair market value of the Common Stock on the date of grant. The maximum term of a stock appreciation right is ten years.

Restricted Stock. The Compensation Committee may award shares of Common Stock to participants subject to such conditions and restrictions as the Compensation Committee may determine. These conditions and restrictions may include the achievement of certain performance goals and/or continued service to us through a specified restricted period. During the vesting period, restricted stock awards may be credited with dividend equivalent rights (but dividend equivalents payable with respect to restricted stock awards with vesting tied to the attainment of performance criteria shall not be paid unless and until such performance conditions are attained).

Restricted Stock Units. The Compensation Committee may award restricted stock units to any participants. Restricted stock units are ultimately payable in the form of shares of Common Stock and may be subject to such conditions and restrictions as the Compensation Committee may determine. These conditions and restrictions may include the achievement of certain performance goals and/or continued service to the Company through a specified vesting period. In the Compensation Committee s sole discretion, it may permit a participant to make an advance election to receive a portion of his or her future cash compensation otherwise due in the form of a deferred stock unit award, subject to the participant s compliance with the procedures established by the Compensation Committee and requirements of Section 409A of the Code. During the deferral period, the deferred stock awards may be credited with dividend equivalent rights (but dividend equivalents payable with respect to restricted stock awards with vesting tied to the attainment of performance criteria shall not be paid unless and until such performance conditions are attained).

Unrestricted Stock Awards. The Compensation Committee may also grant shares of Common Stock which are free from any restrictions under the 2017 Plan. Unrestricted stock may be granted to any participant in recognition of past services or other valid consideration and may be issued in lieu of cash compensation due to such participant.

Performance Share Awards. The Compensation Committee may grant performance share awards to any participant, which entitle the recipient to receive shares of Common Stock upon the achievement of certain performance goals and such other conditions as the Compensation Committee shall determine.

Dividend Equivalent Rights. The Compensation Committee may grant dividend equivalent rights to participants, which entitle the recipient to receive credits for dividends that would be paid if the recipient had held specified shares of Common Stock. Dividend equivalent rights granted as a component of another award subject to performance vesting may be paid only if the related award becomes vested. Dividend equivalent rights may be settled in cash, shares of Common Stock or a combination thereof, in a single installment or installments, as specified in the award.

Cash-Based Awards. The Compensation Committee may grant cash bonuses under the 2017 Plan to participants. The cash bonuses may be subject to the achievement of certain performance goals.

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Change of Control Provisions. The 2017 Plan provides that upon the effectiveness of a sale event as defined in the 2017 Plan, except as otherwise provided by the Compensation Committee in the award agreement, all stock options and stock appreciation rights will automatically become fully exercisable and the restrictions and conditions on all other awards with time-based conditions will automatically be deemed waived, unless the parties to the sale event agree that such awards will be assumed or continued by the successor entity. Awards with conditions and restrictions relating to the attainment of performance goals may become vested and non-forfeitable in connection with a sale event in the Compensation Committee s discretion or to the extent specified in the relevant award agreement. In addition, the Company may make or provide for payment, in cash or in kind, to participants holding options and stock appreciation rights equal to the difference between the per share cash consideration and the exercise price of the options or stock appreciation rights. The Compensation Committee shall also have the option to make or provide for a payment, in cash or in kind, to grantees holding other awards in an amount equal to the per share cash consideration multiplied by the number of vested shares under such awards. All awards will terminate in connection with a sale event unless they are assumed by the successor entity.

Adjustments for Stock Dividends, Stock Splits, Etc. The 2017 Plan requires the Compensation Committee to make appropriate adjustments to the number of shares of Common Stock that are subject to the 2017 Plan, to certain limits in the 2017 Plan, and to any outstanding awards to reflect stock dividends, stock splits, extraordinary cash dividends and similar events.

Tax Withholding. Participants in the 2017 Plan are responsible for the payment of any federal, state or local taxes that the Company is required by law to withhold upon the exercise of options or stock appreciation rights or vesting of other awards. Subject to approval by the Compensation Committee, participants may elect to have the minimum tax withholding obligations satisfied by authorizing the Company to withhold shares of Common Stock to be issued pursuant to the exercise or vesting.

Amendments and Termination. The Board of Directors may at any time amend or discontinue the 2017 Plan and the Compensation Committee may at any time amend or cancel any outstanding award for the purpose of satisfying changes in the law or for any other lawful purpose. However, no such action may adversely affect any rights under any outstanding award without the holder s consent. To the extent required under the rules of The NASDAQ Capital Market, any amendments that materially change the terms of the 2017 Plan will be subject to approval by our stockholders. Amendments shall also be subject to approval by our stockholders if and to the extent determined by the Compensation Committee to be required by the Code to preserve the qualified status of incentive options or to ensure that compensation earned under the 2017 Plan qualifies as performance-based compensation under Section 162(m) of the Code. The Compensation Committee is authorized to exercise discretion to reduce the exercise price of outstanding stock options and stock appreciation rights or effect the repricing of such awards through cancellation and regrants.

Effective Date of 2017 Plan. The Board of Directors originally adopted the 2017 Plan on December 13, 2016, and the 2017 Plan became originally effective on June 5, 2017, the date it was approved by stockholders. The 2017 Plan, as amended and restated, was adopted by the Board of Directors on December 17, 2017. Awards of incentive options may be granted under the 2017 Plan until December 17, 2027. No other awards may be granted under the 2017 Plan after the date that is ten years from the date of stockholder approval.

New Plan Benefits

Because the grant of awards under the 2017 Plan is within the discretion of the Compensation Committee, the Company cannot determine the dollar value or number of shares of Common Stock that will in the future be received by or allocated to any participant in the 2017 Plan. Accordingly, in lieu of providing information regarding benefits

that will be received under the 2017 Plan, the following table provides information concerning the benefits that were received by the following persons and groups during 2017: each named executive officer;

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all current executive officers, as a group; all current directors who are not executive officers, as a group; and all employees and consultants who are not executive officers, as a group.

	Option Awards	
	Average Exercise Price Per	Number of
Name	Share	Shares
Ilan Danieli, Chief Executive Officer and Director	\$ 1.87	66,666
Carl Iberger, Chief Financial Officer	\$ 1.87	66,666
Paul Kinnon, former Chief Executive Officer and Director (1)		
Robert Patzig, former Director (2)	\$ 1.87	7,000
All current executive officers, as a group	\$ 1.87	133,332
All current directors who are not executive officers, as a group	\$ 1.79	42,000
All current employees and consultants who are not executive officers, as a group		

- (1) Mr. Kinnon resigned from the Company effective June 29, 2017.
- (2) Mr. Patzig resigned from the Company effective November 8, 2017.

Tax Aspects Under the Code

The following is a summary of the principal federal income tax consequences of certain transactions under the 2017 Plan. It does not describe all federal tax consequences under the 2017 Plan, nor does it describe state or local tax consequences.

Incentive Options. No taxable income is generally realized by the optionee upon the grant or exercise of an incentive option. If shares of Common Stock issued to an optionee pursuant to the exercise of an incentive option are sold or transferred after two years from the date of grant and after one year from the date of exercise, then (i) upon sale of such shares, any amount realized in excess of the option price (the amount paid for the shares) will be taxed to the optionee as a long-term capital gain, and any loss sustained will be a long-term capital loss, and (ii) the Company will not be entitled to any deduction for federal income tax purposes. The exercise of an incentive option will give rise to an item of tax preference that may result in alternative minimum tax liability for the optionee.

If shares of Common Stock acquired upon the exercise of an incentive option are disposed of prior to the expiration of the two-year and one-year holding periods described above (a disqualifying disposition), generally (i) the optionee will realize ordinary income in the year of disposition in an amount equal to the excess (if any) of the fair market value of the shares of Common Stock at exercise (or, if less, the amount realized on a sale of such shares of Common Stock) over the option price thereof, and (ii) we will be entitled to deduct such amount. Special rules will apply where all or a portion of the exercise price of the incentive option is paid by tendering shares of Common Stock.

If an incentive option is exercised at a time when it no longer qualifies for the tax treatment described above, the option is treated as a non-qualified option. Generally, an incentive option will not be eligible for the tax treatment described above if it is exercised more than three months following termination of employment (or one year in the case of termination of employment by reason of disability). In the case of termination of employment by reason of death, the three-month rule does not apply.

Non-Qualified Options. No income is realized by the optionee at the time the option is granted. Generally (i) at exercise, ordinary income is realized by the optionee in an amount equal to the difference between the option price and the fair market value of the shares of Common Stock on the date of exercise, and we receive a tax deduction for the same amount, and (ii) at disposition, appreciation or depreciation after the date of exercise is treated as either short-term or long-term capital gain or loss depending on how long the shares of Common

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Stock have been held. Special rules will apply where all or a portion of the exercise price of the non-qualified option is paid by tendering shares of Common Stock. Upon exercise, the optionee will also be subject to Social Security taxes on the excess of the fair market value over the exercise price of the option.

Other Awards. The Company generally will be entitled to a tax deduction in connection with an award under the 2017 Plan in an amount equal to the ordinary income realized by the participant at the time the participant recognizes such income. Participants typically are subject to income tax and recognize such tax at the time that an award is exercised, vests or becomes non-forfeitable, unless the award provides for a further deferral.

Parachute Payments. The vesting of any portion of an award that is accelerated due to the occurrence of a change in control (such as a sale event) may cause a portion of the payments with respect to such accelerated awards to be treated as parachute payments as defined in the Code. Any such parachute payments may be non-deductible to the Company, in whole or in part, and may subject the recipient to a non-deductible 20% federal excise tax on all or a portion of such payment (in addition to other taxes ordinarily payable).

Limitation on Deductions. Under Section 162(m) of the Code, the Company s deduction for certain awards under the 2017 Plan may be limited to the extent that the Chief Executive Officer or other executive officer whose compensation is required to be reported in the summary compensation table (other than the Principal Financial Officer) receives compensation in excess of \$1 million a year (other than performance-based compensation that otherwise meets the requirements of Section 162(m) of the Code). The 2017 Plan is structured to allow certain awards to qualify as performance-based compensation.

Required Vote

A quorum being present, the approval of the 2017 Plan Amendment Proposal requires the affirmative vote of a majority of the shares of our Common Stock present in person or by proxy at the Special Meeting and entitled to vote thereon as of the Record Date. Abstentions will have the effect of a vote AGAINST the proposal. Broker non-votes will have no effect on the proposal.

Recommendation of the Board of Directors

The Board of Directors recommends that the stockholders vote FOR the approval of the 2017 Plan Amendment Proposal.

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VOTING AND PROXY PROCEDURES

Record Date; Voting Rights and Outstanding Shares

Only holders of record of our Common Stock as of the close of business on December 26, 2017 are entitled to receive notice of, and to vote at, the Special Meeting. Each holder of Common Stock shall be entitled to one vote for each share held on all matters to be voted upon at the Special Meeting. At the close of business on the Record Date, there were [] shares of Common Stock issued and outstanding.

Holders of record who hold shares of Common Stock directly on the Record Date must return a proxy by one of the methods described on the proxy card or attend the Special Meeting in person in order to vote on the proposals. Investors who hold shares of Common Stock indirectly on the Record Date (Beneficial Holders) through a brokerage firm, bank or other financial institution (a Financial Institution) must return a voting instruction form to have their shares voted in accordance with their instructions, as Financial Institutions do not have discretionary voting authority with respect to any of the proposals described in this Proxy Statement. Financial Institutions that do not receive voting instructions from Beneficial Holders will not be able to vote those shares.

A quorum of stockholders is necessary to take action at the Special Meeting. Stockholders representing a majority of the outstanding shares of our Common Stock (present in person or represented by proxy) will constitute a quorum. We will appoint election inspectors for the meeting to determine whether or not a quorum is present and to tabulate votes cast by proxy or in person at the Special Meeting. Abstentions, withheld votes and broker non-votes (which occur when a broker, bank or other nominee holding shares for a beneficial owner does not vote on a particular matter because such broker, bank or other nominee does not have discretionary authority to vote on that matter and has not received voting instructions from the beneficial owner) are counted as present for purposes of determining the presence of a quorum for the transaction of business at the Special Meeting.

Votes Required for Each Proposal

To approve the proposals being considered at the Special Meeting, the voting requirements are as follows:

		Discretionary	
Proposal	Vote Required	Voting Permitted?	
Offering	Majority	No	
Amendment and Restatement of the			
2017 Plan	Majority	No	

Discretionary Voting Permitted means that brokers will have discretionary voting authority with respect to shares held in street name for their clients, even if the broker does not receive voting instructions from their client.

Majority means a majority of the outstanding shares of our Common Stock present in person or by proxy at the Special Meeting and entitled to vote thereon as of the Record Date.

The vote required and method of calculation for the proposals to be considered at the Special Meeting are as follows:

Proposal One Offering Proposal. Approval of this proposal requires the affirmative vote of a majority of the outstanding shares of our Common Stock present in person or by proxy at the Special Meeting and entitled to vote thereon as of the Record Date. You may vote FOR, AGAINST or ABSTAIN from voting on this proposal. For

purposes of determining whether this proposal has passed, abstentions will have the effect of a vote AGAINST the proposal. Broker non-votes will have no effect on the proposal.

Proposal Two 2017 Plan Amendment Proposal. Approval of this proposal requires the affirmative vote of a majority of the outstanding shares of our Common Stock present in person or by proxy at the Special Meeting

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and entitled to vote thereon as of the Record Date. You may vote FOR, AGAINST or ABSTAIN from voting on this proposal. For purposes of determining whether this proposal has passed, abstentions will have the effect of a vote AGAINST the proposal. Broker non-votes will have no effect on the proposal.

We request that you vote your shares by proxy following the methods as instructed by the notice: over the Internet, by telephone or by mail. If you choose to vote by mail, your shares will be voted in accordance with your voting instructions if the proxy card is received prior to or at the Special Meeting. If you sign and return your proxy card but do not give voting instructions, your shares will be voted FOR (1) the Offering Proposal; and (2) the 2017 Plan Amendment Proposal.

Voting by Proxy Over the Internet or by Telephone

Stockholders whose shares are registered in their own names may vote by proxy by mail, over the Internet or by telephone. Instructions for voting by proxy over the Internet or by telephone are set forth on the notice of proxy materials. The Internet and telephone voting facilities will close at 11:59 p.m. Eastern Time on January 29, 2018. The notice will also provide instructions on how you can elect to receive future proxy materials electronically or in printed form by mail. If you choose to receive future proxy materials electronically, you will receive an email with instructions containing a link to future proxy materials and a link to the proxy voting site. Your election to receive proxy materials electronically or in printed form by mail will remain in effect until you terminate such election.

If your shares are held in street name, the voting instruction form sent to you by your broker, bank or other nominee should indicate whether the institution has a process for beneficial holders to provide voting instructions over the Internet or by telephone. A number of banks and brokerage firms participate in a program that also permits stockholders whose shares are held in street name to direct their vote over the Internet or by telephone. If your bank or brokerage firm gives you this opportunity, the voting instructions from the bank or brokerage firm that accompany this Proxy Statement will tell you how to use the Internet or telephone to direct the vote of shares held in your account. If your voting instruction form does not include Internet or telephone information, please complete and return the voting instruction form in the self-addressed, postage-paid envelope provided by your broker. Stockholders who vote by proxy over the Internet or by telephone need not return a proxy card or voting instruction form by mail, but may incur costs, such as usage charges, from telephone companies or Internet service providers.

Revocability of Proxies

Any proxy may be revoked at any time before it is exercised by filing an instrument revoking it with the Company s secretary or by submitting a duly executed proxy bearing a later date prior to the time of the Special Meeting. Stockholders who have voted by proxy over the Internet or by telephone or have executed and returned a proxy and who then attend the Special Meeting and desire to vote in person are requested to notify the Company s secretary in writing prior to the time of the Special Meeting. We request that all such written notices of revocation to the Company be addressed to Carl Iberger, Secretary, c/o Precipio, Inc., at the address of our principal executive offices at 4 Science Park, New Haven, CT 06511. Our telephone number is (203) 787-7888. Stockholders may also revoke their proxy by entering a new vote over the Internet or by telephone.

SOLICITATION OF PROXIES

This solicitation is made on behalf of the Board of Directors. We will bear the costs of preparing, mailing, online processing and other costs of the proxy solicitation made by the Board of Directors. Certain of our officers and employees may solicit the submission of proxies authorizing the voting of shares in accordance with the recommendations of the Board of Directors. Such solicitations may be made by telephone, facsimile transmission or

personal solicitation. No additional compensation will be paid to such officers, directors or regular employees for such services. We will reimburse banks, brokerage firms and other custodians, nominees and fiduciaries for reasonable out-of-pocket expenses incurred by them in sending proxy material to stockholders.

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SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth information with respect to the beneficial ownership of shares of our Common Stock by (i) each director, (ii) each named executive officer, (iii) all directors and executive officers as a group, and (iv) each person who we know beneficially owns more than 5% of our Common Stock as of November 30, 2017, unless otherwise indicated below.

Beneficial ownership is determined in accordance with the rules of the SEC. These rules generally attribute beneficial ownership of securities to persons who possess sole or shared voting power or investment power with respect to those securities and include shares of Common Stock issuable upon the exercise of stock options that are immediately exercisable or exercisable within 60 days after November 30, 2017, but excludes unvested stock options, which contain an early exercise feature. Except as otherwise indicated, all of the shares reflected in the table are shares of Common Stock and all persons listed below have sole voting and investment power with respect to the shares beneficially owned by them, subject to applicable community property laws. The information is not necessarily indicative of beneficial ownership for any other purpose.

In computing the number of shares of Common Stock beneficially owned by a person and the percentage ownership of that person, we deemed outstanding shares of Common Stock subject to options or warrants held by that person that are currently exercisable or exercisable within 60 days of November 30, 2017. We did not deem these shares outstanding, however, for the purpose of computing the percentage ownership of any other person.

Percentage ownership calculations for beneficial ownership for each person or entity are based on 10,128,763 shares outstanding as of November 30, 2017. Except as otherwise indicated in the table below, addresses of named beneficial owners are in care of Precipio, Inc., 4 Science Park, New Haven, CT 06511.

Name of Beneficial Owner	Number of Shares Beneficially Owned	Percent of Class
Randal J. Kirk (1)	1,768,915	16.8%
Executive Officers and Directors:		
Ilan Danieli (2)	169,714	1.7%
Carl Iberger (3)	17,060	*
Jeffrey Cossman, M.D. (4)	778	*
Michael A. Luther (5)	1,112	*
David S. Cohen (6)	1,071,649	10.4%
Samuel Riccitelli (4)	778	*
Mark Rimer (7)	1,237,675	12.0%
Douglas Fisher, M.D. (4)	778	*
All executive officers and directors as a group		
(8 persons) (8)	2,499,544	24.7%

^{*} Represents beneficial ownership of less than 1% of the shares of Common Stock.

⁽¹⁾ Consists of (i) 1,359,121 shares of Common Stock and (ii) 409,794 shares of Common Stock issuable upon exercise of warrants to purchase shares of Common Stock that are currently exercisable. Based solely on

information provided to the Company by the stockholder and disclosed in a Schedule 13D/A filed on September 5, 2017. The total of the shares of Common Stock and the warrants to purchase shares of Common Stock are held by the following companies: Third Security Senior Staff 2008 LLC, Third Security Staff 2010 LLC, Third Security Incentive 2010 LLC and Third Security Staff 2014 LLC. These companies are managed by Third Security, LLC, which is managed by Randal J. Kirk. Mr. Randal J. Kirk could be deemed to have indirect beneficial ownership of these shares. The business address of these beneficial owners is 1881 Grove Avenue, Radford, Virginia 24141.

- (2) Consists of 169,714 shares of Common Stock owned by IDP Holdings, LLC. Mr. Danieli is the sole member and manager of IDP Holdings, LLC.
- (3) Consists of 17,060 shares of Common Stock owned by Mr. Iberger.

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- (4) Consists of 778 shares of Common Stock issuable upon the exercise of stock options that are exercisable or will become exercisable within 60 days after November 30, 2017.
- (5) Consists of 1,112 shares of Common Stock issuable upon the exercise of stock options that are exercisable or will become exercisable within 60 days after November 30, 2017.
- (6) Consists of (i) 860,881 shares of Common Stock; (ii) 210,379 shares of Common Stock issuable upon exercise of warrants to purchase shares of Common Stock that are currently exercisable; and (iii) 389 shares of Common Stock issuable upon the exercise of stock options that are exercisable or will become exercisable within 60 days after November 30, 2017. Based on information provided to the Company by the stockholder and disclosed in a Schedule 13G filed on July 11, 2017. The business address for David S. Cohen is 299 Bishop Avenue, Bridgeport, Connecticut 06610.
- (7) Consists of (i) 686,874 shares of Common Stock held by Chenies Investor LLC; (ii) 340,913 shares of Common Stock held by Chenies Management LLC; (iii) 4,179 shares of Common Stock held by Precipio Employee Holdings, LLC; (iv) warrants to purchase 175,390 shares of Common Stock held by Chenies Investor LLC; (v) warrants to purchase 29,541 shares of Common Stock held by Chenies Management LLC; and (vi) 778 shares of Common Stock issuable upon the exercise of stock options that are exercisable or will become exercisable within 60 days after November 30, 2017 held directly by Mr. Rimer. Mr. Rimer is managing member of Chenies Investor LLC and Chenies Management LLC. Based on information provided to the Company by the stockholder and disclosed in a Schedule 13D/A filed on October 17, 2017.
- (8) Includes shares which may be acquired by executive officers and directors as a group within 60 days after November 30, 2017 through the exercise of stock options or warrants.

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OTHER MATTERS AND ADDITIONAL INFORMATION

Householding of Proxy Materials

We have adopted a procedure approved by the SEC known as householding. This procedure allows multiple stockholders residing at the same address the convenience of receiving a single copy of our Notice, Annual Report and proxy materials, as applicable. This allows us to save money by reducing the number of documents we must print and mail, and helps protect the environment as well.

Householding is available to both registered stockholders (i.e., those stockholders with certificates registered in their name) and street name holders (i.e., those stockholders who hold their shares through a brokerage).

Registered Stockholders

If you are a registered stockholder and have consented to our mailing of proxy materials and other stockholder information only to one account in your household, as identified by you, we will deliver or mail a single copy of our Annual Report and proxy materials, as applicable, for all registered stockholders residing at the same address. Your consent will be perpetual unless you revoke it, which you may do at any time by contacting the Householding Department of Broadridge Financial Solutions, Inc., at 51 Mercedes Way, Edgewood, NY 11717, or by calling 1-800-690-6903. If you revoke your consent, we will begin sending you individual copies of future mailings of these documents within 30 days after we receive your revocation notice. If you received a household mailing this year, and you would like to receive additional copies of our Annual Report and proxy materials, as applicable, please submit your request to our Secretary at the address of our principal executive offices at 4 Science Park, New Haven, CT 06511, who will promptly deliver the requested copy.

Registered stockholders who have not consented to householding will continue to receive copies of annual reports and proxy materials for each registered stockholder residing at the same address. As a registered stockholder, you may elect to participate in householding and receive only a single copy of annual reports or proxy materials for all registered stockholders residing at the same address by contacting Broadridge as outlined above.

Street Name Holders

Stockholders who hold their shares through a brokerage may elect to participate in householding or revoke their consent to participate in householding by contacting their respective brokers.

Stockholder Proposals to be Presented at the Next Annual Meeting

Any stockholder who meets the requirements of the proxy rules under the Exchange Act may submit proposals to the Board of Directors to be presented at the next annual meeting. Such proposals must comply with the requirements of Rule 14a-8 under the Exchange Act and, because we did not hold an annual meeting in 2017, must be submitted in writing by notice delivered or mailed by first-class United States mail, postage prepaid, to our Secretary at our principal executive offices at the address set forth above within a reasonable time before we begin to print and send proxy materials in order to be considered for inclusion in the proxy materials to be disseminated by the Board of Directors for such annual meeting. We will publicly announce the deadline for submitting a proposal in a press release or in a document filed with the SEC.

Our Amended and Restated Bylaws also provide for separate notice procedures to recommend a person for nomination as a director or to propose business to be considered by stockholders at a meeting. To be considered

timely under these provisions, the stockholder s notice must be received by our Secretary at our principal executive offices at the address set forth above (i) no later than 35 days prior to the date of the annual meeting;

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provided, however, that if less than 35 days notice of a meeting of stockholders is given to the stockholders, such notice must be made or delivered to our Secretary not later than the close of business on the seventh day following the day on which the notice of a meeting was mailed; and (ii) in the case of a special meeting of stockholders, no later than the close of business on the tenth day following the day on which notice of the date of the meeting was mailed. Our Amended and Restated Bylaws also specify requirements as to the form and content of a stockholder s notice.

The Board of Directors, a designated committee thereof or the chairman of the meeting may refuse to acknowledge the introduction of any stockholder proposal if it is not made in compliance with the applicable notice provisions.

By Order of the Board of Directors of

Precipio, Inc.

Sincerely,

/s/ Ilan Danieli Ilan Danieli

President and Chief Executive Officer

New Haven, Connecticut

December , 2017

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Annex A

PLACEMENT AGENCY AGREEMENT

November 2, 2017

Aegis Capital Corp.

810 Seventh Avenue, 18th Floor

New York, New York 10019

Ladies and Gentlemen:

Introduction. Subject to the terms and conditions herein (this <u>Agreement</u>), Precipio, Inc., a corporation formed under the laws of the State of Delaware (the <u>Company</u>), hereby agrees to sell up to an aggregate of 2,748 registered of the Company s Series C Preferred Stock, par value \$0.01 per share (the Series C Preferred Stock), together with Common Stock purchase warrants to purchase up to an aggregate of 1,962,857 shares of Common Stock (each a Warrant and together with the Series C Preferred Stock, the Units), directly to various investors (each, <u>an Investor</u> and, collectively, the <u>Investors</u>) through Aegis Capital Corp., as lead placement agent (the <u>Placement Agent</u>). The documents executed and delivered by the Company and the Investors in connection with the Offering (as defined below), shall be collectively referred to herein as the <u>Transaction Documents</u>. The purchase price to the Investors for each Unit is \$1,000. The Placement Agent may retain other brokers or dealers to act as sub-agents or selected-dealers on its behalf in connection with the Offering.

The Company hereby confirms its agreement with the Placement Agent as follows:

Section 1. Agreement to Act as Placement Agent.

(a) On the basis of the representations, warranties and agreements of the Company herein contained, and subject to all the terms and conditions of this Agreement, the Placement Agent shall be the exclusive lead Placement Agent in connection with the offering and sale by the Company of the Units pursuant to the Company s shelf registration statement, and an amendment or amendments thereto, on Form S-3 (File No. 333-201907), which registration statement was declared effective on February 13, 2015 (the Registration Statement), with the terms of such offering (the Offering) to be subject to market conditions and negotiations between the Company, the Placement Agent and the prospective Investors. The Placement Agent will act on a reasonable best efforts basis and the Company agrees and acknowledges that there is no guarantee of the successful placement of the Units, or any portion thereof, in the prospective Offering. Under no circumstances will the Placement Agent or any of its Affiliates (as defined below) be obligated to underwrite or purchase any of the Units for its own account or otherwise provide any financing. The Placement Agent shall act solely as the Company s agent and not as principal. The Placement Agent shall have no authority to bind the Company with respect to any prospective offer to purchase Units and the Company shall have the sole right to accept offers to purchase Units and may reject any such offer, in whole or in part. Subject to the terms and conditions hereof, payment of the purchase price for, and delivery of, the Units shall be made at one or more closings (each a Closing and the date on which each Closing occurs, a Closing Date). As compensation for services rendered, on each Closing Date, the Company shall pay to the Placement Agent the fees and expenses set forth below:

(i) A cash fee equal to 7% of gross proceeds received by the Company from the sale of the Units at the closing of the Offering (the <u>Closing</u>).

- (ii) The Company also agrees to pay the Placement Agent an accountable expense allowance of 1% of gross proceeds received by the Company from the sale of the Units at the Closing and \$50,000 for the fees and expenses of its legal counsel.
- (b) The term of the Placement Agent s exclusive engagement will be until the completion of the Offering (the <u>Exclusive Term</u>); <u>provided</u>, <u>however</u>, that a party hereto may terminate the engagement with

respect to itself at any time upon 10 days written notice to the other parties. Notwithstanding anything to the contrary contained herein, the provisions concerning confidentiality, indemnification and contribution contained herein and the Company's obligations contained in the indemnification provisions will survive any expiration or termination of this Agreement, and the Company's obligation to pay fees actually earned and payable and to reimburse expenses actually incurred and reimbursable pursuant to Section 1 hereof and which are permitted to be reimbursed under FINRA Rule 5110(f)(2)(D), will survive any expiration or termination of this Agreement. Nothing in this Agreement shall be construed to limit the ability of the Placement Agent or its Affiliates to pursue, investigate, analyze, invest in, or engage in investment banking, financial advisory or any other business relationship with Persons (as defined below) other than the Company. As used herein (i) Persons means 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 and (ii) Affiliate means 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 405 under the Securities Act of 1933, as amended (the <u>Securities Act</u>).

Section 2. Representations, Warranties and Covenants of the Company. The Company hereby represents, warrants and covenants to the Placement Agent as of the date hereof, and as of each Closing Date, as follows:

(a) <u>Securities Law Filings</u>. The Company has filed with the U.S. Securities and Exchange Commission (the Commission) a shelf registration statement, and an amendment or amendments thereto, on Form S-3 (File No. 333-201907), which registration statement was declared effective on February 13, 2015, for the registration of the sale of certain securities of the Company, including the Public Securities, under the Securities Act and the rules and regulations of the Commission promulgated thereunder (the Securities Act Regulations). Such registration statement, including the exhibits thereto, as amended at the date of this Agreement, is hereinafter called the Registration Statement.

After execution and delivery of this Agreement, the Company will prepare and file with the Commission a prospectus supplement to the base prospectus included in the Registration Statement (the Base Prospectus) in accordance with the provisions of Rule 430B (Rule 430B) and Rule 424(b) (Rule 424(b)) of the Securities Act Regulations; any information included in such prospectus supplement that was omitted from the Registration Statement at the time it became effective but that is deemed to be part of and included in the Registration Statement pursuant to Rule 430B is herein called the Rule 430B Information; the Base Prospectus, together with any prospectus supplement used in connection with the offering of the Units is hereinafter collectively called the Prospectus.

Any reference in this Agreement to the Registration Statement, the Base Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated or deemed incorporated by reference therein (the Incorporated Documents) pursuant to Item 12 of Form S-3 which were filed under the Securities Exchange Act of 1934, as amended (the Exchange Act), and the rules and regulations of the Commission promulgated thereunder (the Exchange Act Regulations), on or before the date of this Agreement, or the issue date of the Base Prospectus or the Prospectus, as the case may be; and any reference in this Agreement to the terms amend, amendment or supplement with respect to the Registration Statement, the Base Prospectus, or the Prospectus shall be deemed to refer to and include the filing of any document under the Exchange Act after the date of this Agreement, or the issue date of the Base Prospectus or the Prospectus, as the case may be, deemed to be incorporated therein by reference. All references in this Agreement to financial statements and schedules and any other information which is contained, included, described, set forth or stated in the Registration Statement, the Base Prospectus, or the Prospectus (and all other references of like import) shall be deemed to mean and include all such financial statements and schedules and any other information which is or is deemed to be incorporated by reference in the Registration Statement, the Base Prospectus, as the case may be.

The Company and the transactions contemplated by this Agreement meet the requirements for, and comply with the conditions for the use of, Form S-3 under the Securities Act, including but not limited to

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Instruction I.B.1 of Form S-3. The aggregate market value of the outstanding voting and non-voting common equity (as defined in Rule 405 of the Securities Act Regulations) of the Company held by persons other than affiliates of the Company (pursuant to Rule 144 of the Securities Act Regulations, those that directly, or indirectly through one or more intermediaries, control, or are controlled by, or are under common control with, the Company) (the Non-Affiliate Shares), has been equal to or greater than \$75 million (calculated by multiplying (x) the highest price at which the common equity of the Company closed on the Exchange (as defined below) since the date of the filing of the Company s most recent annual report on Form 10-K times (y) the number of Non-Affiliate Shares) since the date of the filing of the Company s most recent annual report on Form 10-K. The Company is not a shell company (as defined in Rule 405 of the Securities Act Regulations) and has not been a shell company for at least 12 calendar months previously and if it has been a shell company at any time previously, has filed current Form 10 information (as defined in Instruction I.B.6 of Form S-3) with the Commission at least 12 calendar months previously reflecting its status as an entity that is not a shell company.

- (b) Assurances. The Registration Statement, as amended, (and any further documents to be filed with the Commission) contains all exhibits and schedules as required by the Securities Act. Each of the Registration Statement and any post-effective amendment thereto, at the time it became effective, complied in all material respects with the Securities Act and the applicable Rules and Regulations and did not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. The Base Prospectus and the Prospectus, each as of its respective date, comply or will comply in all material respects with the Securities Act and the applicable Rules and Regulations. Each of the Base Prospectus or the Prospectus, as amended or supplemented, did not and will not contain as of the date thereof any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading. The Incorporated Documents, when they were filed with the Commission, conformed in all material respects to the requirements of the Exchange Act and the applicable rules and regulations promulgated thereunder, and none of such 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 (with respect to Incorporated Documents incorporated by reference in the Prospectus), in light of the circumstances under which they were made not misleading. No post-effective amendment to the Registration Statement reflecting any facts or events arising after the date thereof which represent, individually or in the aggregate, a fundamental change in the information set forth therein is required to be filed with the Commission. Except for this Agreement, there are no documents required to be filed with the Commission in connection with the transaction contemplated hereby that (x) have not been filed as required pursuant to the Securities Act or (y) will not be filed within the requisite time period. Except for this Agreement, there are no contracts or other documents required to be described in the Base Prospectus or Prospectus, or to be filed as exhibits or schedules to the Registration Statement, which have not been described or filed as required.
- (c) <u>Offering Materials</u>. Neither the Company nor any of its directors and officers has distributed and none of them will distribute, prior to each Closing Date, any offering material in connection with the offering and sale of the Units, together with the shares of Common Stock issuable upon conversion of the Series C Preferred Stock and exercise of the Warrants (collectively, the Securities), other than the Preliminary Prospectus, the Prospectus, the Registration Statement, copies of the documents incorporated by reference therein and any other materials permitted by the Securities Act.
- (d) <u>Subsidiaries</u>. All of the direct and indirect subsidiaries of the Company (the <u>Subsidiaries</u>) are set forth in the Incorporated Documents. The Company owns, directly or indirectly, all of the capital stock or other equity interests of each Subsidiary free and clear of any liens, charges, security interests, encumbrances, rights of first refusal, preemptive rights or other restrictions (collectively, Liens), except as set forth in the Registration Statement. 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.

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- (e) 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, 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 nor 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 have or reasonably be expected to result in: (i) a material adverse effect on the legality, validity or enforceability of this Agreement or any other agreement entered into between the Company and the Investors, (ii) a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, 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 or the transactions contemplated under the Prospectus (any of (i), (ii) or (iii), a <u>Material Adverse Effect</u>) and no an action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened (<u>Proceeding</u>) has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.
- (f) <u>Authorization</u>: Enforcement. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and the Prospectus and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of each of this Agreement by the Company and the consummation by it of the transactions contemplated hereby and thereby and under the Prospectus have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, the Company s Board of Directors (the <u>Board of Directors</u>) or the Company s stockholders in connection herewith or therewith other than in connection with the Required Approvals (as defined below). This Agreement has been duly executed by the Company and, when delivered in accordance with the terms hereof, will constitute 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.
- (g) No Conflicts. The execution, delivery and performance by the Company of this Agreement and the transactions contemplated pursuant to the Prospectus, the issuance and sale of the Securities and the consummation by it of the transactions contemplated hereby and thereby to which it is a party 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, 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 have or reasonably be expected to result in a Material Adverse Effect or has been waived by the Placement Agent.

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- (h) <u>Filings, Consents and Approvals</u>. 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 in connection with the execution, delivery and performance by the Company of this Agreement and the transactions contemplated pursuant to the Prospectus, other than: (i) the filing with the Commission of the Prospectus, (ii) application(s) to the Nasdaq Capital Market (the <u>Trading Market</u>) for the listing of the Securities for trading thereon in the time, manner and to the extent required by the Trading Market and (iii) such filings as are required to be made under applicable state securities laws (collectively, the <u>Required Approvals</u>).
- (i) <u>Issuance of the Securities: Registration</u>. The Securities are duly authorized and, when issued and paid for in accordance with the Prospectus, will be duly and validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company.
- (j) Capitalization. The capitalization of the Company is as set forth in the SEC Reports. The Company has not issued any capital stock since its most recently filed periodic or current report under the Exchange Act, other than pursuant to the exercise of employee stock options or restricted stock units under the Company s stock option plans, the issuance of shares of Common Stock to employees pursuant to the Company s employee stock purchase plans and pursuant to the conversion and/or exercise of Common Stock Equivalents outstanding as of the date of the most recently filed periodic report under the Exchange Act. Common Stock Equivalents means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock. No Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents. Except as a result of the purchase and sale of the Units or as disclosed in the SEC Reports, 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, Common Stock Equivalents or the capital stock of any Subsidiary, 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 or capital stock of any Subsidiary. The issuance and sale of the Units will not obligate the Company or any Subsidiary to issue shares of Common Stock, Common Stock Equivalents or other securities to any Person (other than the Purchasers) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. There are no securities of the Company or any Subsidiary that have any anti-dilution or similar adjustment rights (other than adjustments for stock splits, recapitalizations, and the like) to the exercise or conversion price, have any exchange rights, or reset rights, other than the Company s Series B Preferred Stock and warrants to purchase Common Stock issued pursuant to the Underwriting Agreement, dated August 22, 2017, between the Company and the Placement Agent. 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 any Subsidiary is or may become bound to redeem a security of the Company or such Subsidiary. Except as provided in the Company s equity incentive plan, 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. No further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Units. 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.

- (k) SEC Reports; Financial Statements. Other than the Company s Form 10-Q for the quarter ended June 30, 2017 (the (June 2017 Report), the Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities 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, together with the June 2017 Report, Preliminary Prospectus, Company Free Writing Prospectus and the Prospectus, 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. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Company has never been an issuer subject to Rule 144(i) under the Securities Act. The financial statements of the Company included in the SEC Reports 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. 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.
- (1) Material Changes; Undisclosed Events, Liabilities or Developments. 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 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 common 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, except pursuant to existing Company equity incentive plans. The Company does not have pending before the Commission any request for confidential treatment of information. Except for the issuance of the Securities contemplated by this Agreement, no event, liability, fact, circumstance, occurrence or development has occurred or exists or is reasonably expected to occur or exist with respect to the Company or its Subsidiaries or their respective businesses, prospects, properties, operations, assets 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 one (1) Trading Day prior to the date that this representation is made.
- (m) <u>Litigation</u>. Except as set forth in the SEC Reports, 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 <u>Action</u>) which (i) adversely affects or challenges the legality, validity or enforceability of any of this Agreement and the transactions contemplated pursuant to the Prospectus or the Securities or (ii) could, if there were an unfavorable decision, have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor 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 Securities Act.

- (n) <u>Labor Relations</u>. 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 or such Subsidiary, 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 of the Company or any Subsidiary, 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 in favor of any third party, 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.
- (o) <u>Compliance</u>. Except as disclosed in SEC Reports, 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 judgment, decree or order of any court, arbitrator or other governmental authority or (iii) is or has been in violation of any statute, rule, ordinance 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 have or reasonably be expected to result in a Material Adverse Effect.
- (p) 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.
- (q) <u>Regulatory Permits</u>. 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 SEC Reports, except where the failure to possess such permits could not reasonably be

expected to result in a Material Adverse Effect (<u>Material Permits</u>), and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any Material Permit.

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- (r) <u>Title to Assets</u>. The Company and the Subsidiaries have good and marketable title in fee simple to all real property owned by them 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 securing bank indebtedness owed to Opus Bank, 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, Liens for the payment of federal, state or other taxes, for which appropriate reserves have been made therefor in accordance with GAAP and, the payment of which is neither delinquent nor subject to penalties, and Liens granted to the Company s creditors pursuant to the Security Agreement, dated October 31, 2017, by and between the Company and Collateral Services LLC. Any real property and facilities held under lease by the Company and the Subsidiaries are held by them under valid, subsisting and enforceable leases with which the Company and the Subsidiaries are in compliance.
- (s) Patents and Trademarks. The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, tr
- (t) <u>Insurance</u>. 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 in the businesses in which the Company and the Subsidiaries are engaged, including, but not limited to, directors and officers insurance coverage. 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.
- (u) <u>Transactions With Affiliates and Employees</u>. Except as set forth in the SEC Reports, none of the officers or directors of the Company or any Subsidiary and, to the knowledge of the Company, none of the employees of the Company or any Subsidiary 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, providing for the borrowing of money from or lending of money to 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, stockholder, member or partner, in each case in excess of \$120,000 other than for: (i) payment of salary, consulting fees or director fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company and (iii) other employee benefits, including stock option agreements under any stock option plan of the Company.

(v) <u>Sarbanes-Oxley: Internal Accounting Controls</u>. The Company and the Subsidiaries are in compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002 that are effective as of the date hereof, and any and all applicable rules and regulations promulgated by the Commission

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thereunder that are effective as of the date hereof and as of the Closing 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 and the Subsidiaries have established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and the Subsidiaries 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 of the Company and the Subsidiaries 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 internal control over financial reporting (as such term is defined in the Exchange Act) of the Company and its Subsidiaries that have materially affected, or is reasonably likely to materially affect, the internal control over financial reporting of the Company and its Subsidiaries.

- (w) <u>Certain Fees</u>. Except as set forth in the Prospectus, 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 and the transactions contemplated pursuant to the Prospectus. The Investors 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 and the transactions contemplated pursuant to the Prospectus.
- (x) <u>Investment Company</u>. The Company is not, and is not an Affiliate of, and immediately after receipt of payment for the Securities, will not be or be an Affiliate of, an investment company within the meaning of the Investment Company Act of 1940, as amended. The Company shall conduct its business in a manner so that it will not become an investment company subject to registration under the Investment Company Act of 1940, as amended.
- (y) <u>Registration Rights</u>. Except as set forth in SEC Reports, no Person has any right to cause the Company or any Subsidiary to effect the registration under the Securities Act of any securities of the Company or any Subsidiary.
- (z) Listing and Maintenance Requirements. 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. Except as set forth in SEC Reports, 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 with respect to the Common Stock. The Company is, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements. The Common Stock is currently eligible for electronic transfer through the Depository Trust Company or another established clearing corporation and the Company is current in payment of the fees to the Depository Trust Company (or such other established clearing corporation) in connection with such electronic transfer.

- (aa) Application of Takeover Protections. The Company and the Board of Directors 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 Investors as a result of the Investors and the Company fulfilling their obligations or exercising their rights under this Agreement and the transactions contemplated pursuant to the Prospectus, including without limitation as a result of the Company s issuance of the Securities and the Investors ownership of the Securities.
- (bb) <u>Disclosure</u>. Except with respect to the material terms and conditions of the transactions contemplated by this Agreement and the transactions contemplated pursuant to the Prospectus, the Company confirms that neither it nor any other Person acting on its behalf has provided any of the Investors or their agents or counsel with any information that it believes constitutes or might constitute material, non-public information which is not otherwise disclosed in the Preliminary Prospectus, any Company Free Writing Prospectus or the Prospectus. The Company understands and confirms that the Investors will rely on the foregoing representation in effecting transactions in securities of the Company. All of the disclosure furnished by or on behalf of the Company to the Investors regarding the Company and, its Subsidiaries, their respective businesses and the transactions contemplated hereby, including the Disclosure Schedules to this Agreement, is true and correct and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in light of the circumstances under which they were made, not misleading. The press releases disseminated by the Company during the twelve months preceding the date of this Agreement taken as a whole do not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made and when made, not misleading.
- (cc) No Integrated Offering. Neither the Company, nor any of its Affiliates, nor any Person acting on its or their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would cause this offering of the Securities to be integrated with prior offerings by the Company for purposes of any applicable shareholder approval provisions of any Trading Market on which any of the securities of the Company are listed or designated.
- (dd) Solvency. Based on the consolidated financial condition of the Company as of each Closing Date and except as set forth in the SEC Reports, after giving effect to the receipt by the Company of the proceeds from the sale of the Securities hereunder, (i) the anticipated fair saleable value of the Company s business and 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, consolidated 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 liabilities when such amounts are required to be paid. 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 Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from each Closing Date. As of the date hereof, there has been no material change to the Indebtedness set forth in SEC Reports, detailing 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, <u>Indebtedness</u> means (x) any liabilities for borrowed money or amounts owed in excess of \$50,000 (other than trade accounts payable incurred in the ordinary course of business), (y) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the

same are or should

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be reflected in the Company s consolidated 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 (z) the present value of any lease payments in excess of \$50,000 due under leases required to be capitalized in accordance with GAAP. Except as described in the SEC Reports, neither the Company nor any Subsidiary is in default with respect to any Indebtedness.

- (ee) <u>Tax Status</u>. 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 its Subsidiaries each (i) has made or filed all United States federal, state and local income and all foreign income and franchise tax returns, reports and declarations required by any jurisdiction to which it is subject, (ii) has 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) has 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.
- (ff) Foreign Corrupt Practices. Neither the Company nor any Subsidiary, nor to the knowledge of the Company or any Subsidiary, any agent or other person acting on behalf of the Company or any Subsidiary, 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 any Subsidiary (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.
- (gg) <u>Accountants</u>. To the knowledge and belief of the Company, its accounting firm (i) is a registered public accounting firm as required by the Exchange Act and (ii) shall express its opinion with respect to the financial statements to be included in the Company s Annual Report for the fiscal year ending December 31, 2017.
- (hh) <u>Regulation M Compliance</u>. 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 Securities, (ii) sold, bid for, purchased, or, paid any compensation for soliciting purchases of, any of the Securities, 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 Company s placement agent in connection with the placement of the Securities.
- (ii) <u>Office of Foreign Assets Control</u>. Neither the Company nor any Subsidiary, 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 (<u>OFAC</u>).
- (jj) <u>U.S. Real Property Holding Corporation</u>. 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 Investor s request.
- (kk) <u>Bank Holding Company Act</u>. Neither the Company nor any of its Subsidiaries or Affiliates is subject to the Bank Holding Company Act of 1956, as amended (the <u>BHC</u>A) and to regulation by the Board of Governors of the Federal Reserve System (the <u>Federal Reserve</u>). 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

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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.

- (II) 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, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company with respect to the Money Laundering Laws is pending or, to the knowledge of the Company, threatened.
- (mm) <u>Certificates</u>. Any certificate signed by an officer of the Company and delivered to the Placement Agent or to counsel for the Placement Agent shall be deemed to be a representation and warranty by the Company to the Placement Agent as to the matters set forth therein.
- (nn) <u>Reliance</u>. The Company acknowledges that the Placement Agent will rely upon the accuracy and truthfulness of the foregoing representations and warranties and hereby consents to such reliance.
- (00) <u>FINRA Affiliations</u>. 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.
- **Section 3. Delivery and Payment**. Each Closing shall occur at the offices of Sichenzia Ross Ference Kesner LLP, 1185 Avenue of the Americas, New York, New York 10036 (or at such other place as shall be agreed upon by the Placement Agent and the Company) (<u>Placement Agent Counsel</u>). Subject to the terms and conditions hereof, at each Closing payment of the purchase price for the Securities sold on such Closing Date shall be made by Federal Funds wire transfer, against delivery of such Securities, and such Securities shall be registered in such name or names and shall be in such denominations, as the Placement Agent may request at least one business day before the time of purchase (as defined below).

Deliveries of the documents with respect to the purchase of the Securities, if any, shall be made at the offices of Placement Agent Counsel. All actions taken at a Closing shall be deemed to have occurred simultaneously.

Section 4. Covenants and Agreements of the Company. The Company further covenants and agrees with the Placement Agent as follows:

(a) Registration Statement Matters. The Company will advise the Placement Agent promptly after it receives notice thereof of the time when any amendment to the Registration Statement has been filed or becomes effective or any supplement to any Prospectus or any amended Prospectus has been filed and will furnish the Placement Agent with copies thereof. The Company will file promptly all reports and any definitive proxy or information statements required to be filed by the Company with the Commission pursuant to Section 13(a), 14 or 15(d) of the Exchange Act subsequent to the date of any Prospectus and for so long as the delivery of a prospectus is required in connection with the Offering. The Company will advise the Placement Agent, promptly after it receives notice thereof (i) of any request by the Commission to amend the Registration Statement or to amend or supplement any Prospectus or for additional information, and (ii) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto or any order directed at any Incorporated Document, if any, or any amendment or supplement thereto or any order preventing or suspending the use of the Preliminary Prospectus or any Prospectus or any amendment or supplement thereto or any post-effective amendment to the Registration Statement, of the suspension of the qualification of the Securities for offering or sale in any jurisdiction, of the institution or threatened institution of any proceeding for any such purpose, or of any request by the

Commission for the amending or supplementing of the Registration Statement or a Prospectus or for additional information. The Company shall use its best efforts to prevent the issuance of

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any such stop order or prevention or suspension of such use. If the Commission shall enter any such stop order or order or notice of prevention or suspension at any time, the Company will use its best efforts to obtain the lifting of such order at the earliest possible moment, or will file a new registration statement and use its best efforts to have such new registration statement declared effective as soon as practicable. Additionally, the Company agrees that it shall comply with the provisions of Rules 424(b), 430A, 430B and 430C, as applicable, under the Securities Act, including with respect to the timely filing of documents thereunder, and will use its reasonable efforts to confirm that any filings made by the Company under such Rule 424(b) are received in a timely manner by the Commission.

- (b) Amendments and Supplements to a Prospectus and Other Matters. The Company will comply with the Securities Act and the Exchange Act, and the rules and regulations of the Commission thereunder, so as to permit the completion of the distribution of the Securities as contemplated in this Agreement, the Incorporated Documents and any Prospectus, If during the period in which a prospectus is required by law to be delivered in connection with the distribution of Securities contemplated by the Incorporated Documents or any Prospectus (the Prospectus Delivery Period), any event shall occur as a result of which, in the judgment of the Company or in the opinion of the Placement Agent or counsel for the Placement Agent, it becomes necessary to amend or supplement the Incorporated Documents or any Preliminary Prospectus or Prospectus in order to make the statements therein, in the light of the circumstances under which they were made, as the case may be, not misleading, or if it is necessary at any time to amend or supplement the Incorporated Documents or any Preliminary Prospectus or Prospectus or to file under the Exchange Act any Incorporated Document to comply with any law, the Company will promptly prepare and file with the Commission, and furnish at its own expense to the Placement Agent and to dealers, an appropriate amendment to the Registration Statement or supplement to the Registration Statement, the Incorporated Documents or any Preliminary Prospectus or Prospectus that is necessary in order to make the statements in the Incorporated Documents and any Preliminary Prospectus or Prospectus as so amended or supplemented, in the light of the circumstances under which they were made, as the case may be, not misleading, or so that the Registration Statement, the Incorporated Documents or any Preliminary Prospectus or Prospectus, as so amended or supplemented, will comply with law. Before amending the Registration Statement or supplementing the Incorporated Documents or any Preliminary Prospectus or Prospectus in connection with the Offering, the Company will furnish the Placement Agent with a copy of such proposed amendment or supplement and will not file any such amendment or supplement to which the Placement Agent reasonably objects.
- (c) <u>Copies of any Amendments and Supplements to a Prospectus</u>. The Company will furnish the Placement Agent, without charge, during the period beginning on the date hereof and ending on the later of the last Closing Date of the Offering, as many copies of the Incorporated Documents and any Preliminary Prospectus or Prospectus and any amendments and supplements thereto (including any Incorporated Documents, if any) as the Placement Agent may reasonably request.
- (d) <u>Free Writing Prospectus</u>. The Company covenants that it will not, unless it obtains the prior written consent of the Placement Agent, make any offer relating to the Securities that would constitute a Company Free Writing Prospectus or that would otherwise constitute a <u>free writing prospectus</u> (as defined in Rule 405 of the Securities Act) required to be filed by the Company with the Commission or retained by the Company under Rule 433 of the Securities Act. In the event that the Placement Agent expressly consents in writing to any such free writing prospectus (a <u>Permitted Free Writing Prospectus</u>), the Company covenants that it shall (i) treat each Permitted Free Writing Prospectus as a Company Free Writing Prospectus, and (ii) comply with the requirements of Rule 164 and 433 of the Securities Act applicable to such Permitted Free Writing Prospectus, including in respect of timely filing with the Commission, legending and record keeping.
- (e) <u>Transfer Agent</u>. The Company will maintain, at its expense, a registrar and transfer agent for the Common Stock.

(f) <u>Earnings Statement</u>. As soon as practicable and in accordance with applicable requirements under the Securities Act, but in any event not later than 18 months after the last Closing Date, the Company will

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make generally available to its security holders and to the Placement Agent an earnings statement, covering a period of at least 12 consecutive months beginning after the last Closing Date, that satisfies the provisions of Section 11(a) and Rule 158 under the Securities Act.

- (g) <u>Periodic Reporting Obligations</u>. During the Prospectus Delivery Period, the Company will duly file, on a timely basis, with the Commission and the Trading Market all reports and documents required to be filed under the Exchange Act within the time periods and in the manner required by the Exchange Act.
- (h) <u>Additional Documents</u>. The Company will enter into any subscription, purchase or other customary agreements as the Placement Agent or the Investors deem necessary or appropriate to consummate the Offering, all of which will be in form and substance reasonably acceptable to the Company, Placement Agent and the Investors. The Company agrees that the Placement Agent may rely upon, and each is a third party beneficiary of, the representations and warranties, and applicable covenants, set forth in any such purchase, subscription or other agreement with Investors in the Offering.
- (i) <u>No Manipulation of Price</u>. The Company will not take, directly or indirectly, any action designed to cause or result in, or that has constituted or might reasonably be expected to constitute, the stabilization or manipulation of the price of any securities of the Company.
- (j) <u>Acknowledgment</u>. The Company acknowledges that any advice given by the Placement Agent to the Company is solely for the benefit and use of the Board of Directors of the Company and may not be used, reproduced, disseminated, quoted or referred to, without the Placement Agent s prior written consent.
- (k) <u>Approval by Shareholders</u>. The Company agrees to file a proxy statement under Section 14a of the Exchange Act or information statement pursuant to Section 14c of the Exchange Act with the Securities and Exchange Commission and obtain approval of the Offering from the Company s shareholders of the Offering, including issuances in excess of the maximum number of shares issuable under the rules or regulations of the Nasdaq Capital Market (Shareholder Approval). The Company will be subject to the Equity Sale Restriction (as hereafter defined), until Shareholder Approval is obtained.
- Section 5. Conditions of the Obligations of the Placement Agent. The obligations of the Placement Agent hereunder shall be subject to the accuracy of the representations and warranties on the part of the Company set forth in Section 2 hereof, in each case as of the date hereof and as of each Closing Date as though then made, to the timely performance by each of the Company of its covenants and other obligations hereunder on and as of such dates, and to each of the following additional conditions:
- (a) Compliance with Registration Requirements; No Stop Order; No Objection from the FINRA. Each Preliminary Prospectus or Prospectus (in accordance with Rule 424(b)) and <u>free writing prospectus</u> (as defined in Rule 405 of the Securities Act), if any, shall have been duly filed with the Commission, as appropriate; no stop order suspending the effectiveness of the Registration Statement or any part thereof shall have been issued and no proceeding for that purpose shall have been initiated or threatened by the Commission; no order preventing or suspending the use of any Preliminary Prospectus or Prospectus shall have been issued and no proceeding for that purpose shall have been initiated or threatened by the Commission; no order having the effect of ceasing or suspending the distribution of the Securities or any other securities of the Company shall have been issued by any securities commission, securities regulatory authority or stock exchange and no proceedings for that purpose shall have been instituted or shall be pending or, to the knowledge of the Company, contemplated by any securities commission, securities regulatory authority or stock exchange; all requests for additional information on the part of the Commission shall have been complied with; and the FINRA shall have raised no objection to the fairness and reasonableness of the placement

terms and arrangements.

(b) <u>Corporate Proceedings</u>. All corporate proceedings and other legal matters in connection with this Agreement, the Registration Statement and each Prospectus, and the registration, sale and delivery of the Securities, shall have been completed or resolved in a manner reasonably satisfactory to the Placement Agent s counsel, and such counsel shall have been furnished with such papers and information as it may reasonably have requested to enable such counsel to pass upon the matters referred to in this Section 5.

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- (c) <u>No Material Adverse Change</u>. Subsequent to the execution and delivery of this Agreement and prior to each Closing Date, in the Placement Agent s sole judgment after consultation with the Company, there shall not have occurred any Material Adverse Change or Material Adverse Effect.
- (d) <u>Opinion of Counsel for the Company</u>. The Placement Agent shall have received on each Closing Date an opinion of US legal counsel to the Company, dated as of such Closing Date, including, without limitation, a negative assurance letter addressed to the Placement Agent and in form and substance reasonably satisfactory to the Placement Agent.
- (e) Officers Certificate. The Placement Agent shall have received on each Closing Date a certificate of the Company, dated as of such Closing Date, signed by the Chief Executive Officer and Chief Financial Officer of the Company, to the effect that, and the Placement Agent shall be satisfied that, the signers of such certificate have reviewed the Registration Statement, the Incorporated Documents, any Prospectus, and this Agreement and to the further effect that:
- (i) The representations and warranties of the Company in this Agreement are true and correct, as if made on and as of such Closing 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 Closing Date;
- (ii) No stop order suspending the effectiveness of the Registration Statement or the use of the Preliminary Prospectus or any Prospectus has been issued and no proceedings for that purpose have been instituted or are pending or, to the Company s knowledge, threatened under the Securities Act; no order having the effect of ceasing or suspending the distribution of the Securities or any other securities of the Company has been issued by any securities commission, securities regulatory authority or stock exchange in the United States and no proceedings for that purpose have been instituted or are pending or, to the knowledge of the Company, contemplated by any securities commission, securities regulatory authority or stock exchange in the United States;
- (iii) When the Registration Statement became effective, at the time of sale, and at all times subsequent thereto up to the delivery of such certificate, the Registration Statement and the Incorporated Documents, if any, when such documents became effective or were filed with the Commission, contained all material information required to be included therein by the Securities Act and the Exchange Act and the applicable rules and regulations of the Commission thereunder, as the case may be, and in all material respects conformed to the requirements of the Securities Act and the Exchange Act and the applicable rules and regulations of the Commission thereunder, as the case may be, and the Registration Statement and the Incorporated Documents, if any, did not and do not include any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading (provided, however, that the preceding representations and warranties contained in this paragraph (iii) shall not apply to any statements or omissions made in reliance upon and in conformity with information furnished in writing to the Company by the Placement Agent expressly for use therein) and, since the effective date of the Registration Statement, there has occurred no event required by the Securities Act and the rules and regulations of the Commission thereunder to be set forth in the Incorporated Documents which has not been so set forth; and
- (iv) Subsequent to the respective dates as of which information is given in the Registration Statement, the Incorporated Documents and any Prospectus, there has not been: (a) any Material Adverse Change; (b) any transaction that is material to the Company and the Subsidiaries taken as a whole, except transactions entered into in the ordinary course of business; (c) any obligation, direct or contingent, that is material to the Company and the Subsidiaries taken as a whole, incurred by the Company or any Subsidiary, except obligations incurred in the ordinary course of business; (d) any material change in the capital stock (except changes thereto resulting from the exercise of

outstanding stock options or warrants) or outstanding indebtedness of the Company or any Subsidiary; (e) any dividend or distribution of any kind declared, paid or made on the capital stock of the Company; or

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- (f) any loss or damage (whether or not insured) to the property of the Company or any Subsidiary which has been sustained or will have been sustained which has a Material Adverse Effect.
- (f) <u>Stock Exchange Listing</u>. The Common Stock shall be registered under the Exchange Act and shall be listed on the Trading Market, and the Company shall not have taken any action designed to terminate, or likely to have the effect of terminating, the registration of the Common Stock under the Exchange Act or delisting or suspending from trading the Common Stock from the Trading Market, nor shall the Company have received any information suggesting that the Commission or the Trading Market is contemplating terminating such registration or listing.
- (g) <u>Additional Documents</u>. On or before each Closing Date, the Placement Agent and counsel for the Placement Agent shall have received such information and documents as they may reasonably require for the purposes of enabling them to pass upon the issuance and sale of the Securities as contemplated herein, or in order to evidence the accuracy of any of the representations and warranties, or the satisfaction of any of the conditions or agreements, herein contained.
- (h) <u>Subsequent Equity Sales</u>. From the date hereof until the later of (i) 90 days after the Closing Date, or (ii) the date on which Shareholder Ap