

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **June 29, 2017**

JAGUAR ANIMAL HEALTH, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation)

001-36714
(Commission File Number)

46-2956775
(IRS Employer Identification No.)

**201 Mission Street, Suite 2375
San Francisco, California**
(Address of principal executive offices)

94105
(Zip Code)

Registrant's telephone number, including area code: **(415) 371-8300**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

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

Item 1.01 Entry into a Material Definitive Agreement.

Securities Purchase Agreement

On June 29, 2017, Jaguar Animal Health, Inc. (the "Company") entered into a securities purchase agreement (the "Securities Purchase Agreement") with Chicago Venture Partners, L.P. ("CVP"), pursuant to which the Company issued to CVP a convertible promissory note (the "Note") in the aggregate principal amount of \$2,155,000 for an aggregate purchase price of \$1,700,000. The Note carries an original issue discount of \$425,000, and the initial principal balance also includes \$30,000 to cover CVP's transaction expenses. The Company is required under the agreement to use \$1,000,000 of the net proceeds from the sale of the Note to reduce the Company's outstanding obligations under that certain loan and security agreement, dated August 18, 2015, between the Company and Hercules Capital, Inc. (f/k/a Hercules Technology Growth Capital, Inc.) (as amended, the "Hercules Loan") and will use the remainder of the proceeds for general corporate purposes. The Note bears interest at the rate of 8% per annum and matures on August 2, 2018. The Note is convertible at the option of the holder into shares of the Company's common stock (the "Conversion Shares") at a conversion price of \$1.00 per share, subject to adjustments as provided in the Note, any time after the earlier of (i) the date that is six months after the date that CVP delivers the purchase price of the Note to the Company (the

“Purchase Price Date”) and (ii) the effective date of the resale registration statement that the Company is required to file to register the resale of the Conversion Shares (the “Resale S-1 Effective Date”).

CVP has contractually agreed to restrict its ability to convert the Note such that the number of shares of common stock held by CVP and its affiliates after such conversion does not exceed 9.99% of the Company’s then total issued and outstanding shares of common stock.

Under the Securities Purchase Agreement, the Company is subject to certain covenants, including the obligations of the Company to: (i) timely file all reports required to be filed under Sections 13 or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) and not terminate its status as an issuer required to file reports under the Exchange Act; (ii) maintain listing of the Company’s common stock on a securities exchange; (iii) avoid trading in the Company’s common stock from being suspended, halted, chilled, frozen or otherwise ceased; (iv) not issue any variable securities (i.e., Company securities that (a) have conversion rights of any kind in which the number of shares that may be issued pursuant to the conversion right varies with the market price of the Company’s common stock or (b) are or may become convertible into shares of the Company’s common stock with a conversion price that varies with the market price of such stock) that generate gross cash proceeds to the Company of less than the lesser of \$1 million and the then-current outstanding balance of the Note without CVP’s prior consent; (v) not grant a security interest in its assets without CVP’s prior consent, (vi) maintain a reserve of common stock for issuance upon conversion of the Note; and (vi) other customary covenants and obligations, for which the Company’s failure to comply may be subject to certain liquidated damages. The Company is also required to file a registration statement to register the Conversion Shares on or before August 31, 2017 and to cause such registration statement to be declared effective by the Securities and Exchange Commission within ninety days of the filing date.

In addition, beginning on the earlier of (i) Resale S-1 Effective Date and (ii) the Purchase Price Date, CVP will have the right to redeem a portion of the outstanding balance of the Note in any amount up to \$350,000 per month. The redemption(s) may be satisfied in cash or stock (so long as the various conditions to paying stock set forth in the Note are satisfied), at the election of the Company; provided, however, that if the Company’s stock is trading below \$1.15 per share, the redemption(s) must be in cash.

The Note was offered and sold pursuant to an exemption from the registration requirements of the Securities Act pursuant to Section 4(a)(2) of the Securities Act and/or Regulation D promulgated thereunder.

Subordination Agreement and Right to Purchase Debt

CVP and the Company also entered into a subordination agreement and right to purchase debt (the “Subordination Agreement”) with Hercules, pursuant to which (i) CVP subordinated (a) all of the Company’s debt and obligations to CVP to all of the Company’s indebtedness and obligations to Hercules and (b) all of CVP’s security interest, if any, in the Company’s assets to all of Hercules’ security interest in the Company’s assets and (ii) Hercules granted CVP the right to purchase 100% of the debt under the Company’s term loan so long as the purchase includes the full pay-out of funds owed to Hercules under the term loan at such time.

Security Agreement

The Company also entered into a security agreement (the “Security Agreement”) with CVP, pursuant to which CVP will receive a security interest in substantially all of the Company’s assets. The security interest is effective upon CVP’s purchase of the Hercules Loan or upon such time that the Hercules Loan is otherwise repaid in full.

The Note, the Securities Purchase Agreement, the Subordination Agreement and the Security Agreement are filed as Exhibits 4.1, 10.1, 10.2, and 10.3, respectively, to this Current Report on Form 8-K, and such documents are incorporated herein by reference. The foregoing is only a brief description of the material terms of the Note, the Securities Purchase Agreement, the Subordination Agreement, and the Security Agreement, does not purport to be a complete description of the rights and obligations of the parties thereunder and is qualified in its entirety by reference to such exhibits.

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Item 2.03 Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant.

The information contained above in Item 1.01 is hereby incorporated by reference into this Item 2.03 in its entirety.

Item 3.02 Unregistered Sales of Equity Securities.

The information contained above in Item 1.01 is hereby incorporated by reference into this Item 3.02 in its entirety.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
4.1	Secured Convertible Promissory Note, dated June 29, 2017, by and between Jaguar Animal Health, Inc. and Chicago Venture Partners, L.P.
10.1	Securities Purchase Agreement, dated June 29, 2017, by and between Jaguar Animal Health, Inc. and Chicago Venture Partners, L.P.
10.2	Subordination Agreement and Right to Purchase Debt, dated June 29, 2017, by and between Chicago Venture Partners, L.P., Jaguar Animal Health, Inc. and Hercules Capital, Inc.
10.3	Security Agreement, dated June 29, 2017, by and between Jaguar Animal Health, Inc. and Chicago Venture Partners, L.P.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

JAGUAR ANIMAL HEALTH, INC.

By: /s/ Karen S. Wright

Name: Karen S. Wright

Title: Chief Financial Officer

Date: July 3, 2017

THIS NOTE AND THE SECURITIES ISSUABLE UPON THE CONVERSION HEREOF HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "ACT"), OR UNDER THE SECURITIES LAWS OF ANY STATES IN THE UNITED STATES. THESE SECURITIES ARE SUBJECT TO RESTRICTIONS ON TRANSFERABILITY AND RESALE AND MAY NOT BE TRANSFERRED OR RESOLD EXCEPT AS PERMITTED UNDER THE ACT AND THE APPLICABLE STATE SECURITIES LAWS, PURSUANT TO REGISTRATION OR EXEMPTION THEREFROM.

THIS NOTE IS SUBJECT TO THAT CERTAIN SUBORDINATION AGREEMENT ENTERED INTO BY AND AMONG BORROWER (AS DEFINED BELOW), LENDER (AS DEFINED BELOW), AND HERCULES GROWTH CAPITAL, INC., A MARYLAND CORPORATION, DATED JUNE 29, 2017 (THE "SUBORDINATION AGREEMENT").

THIS NOTE IS ISSUED WITH ORIGINAL ISSUE DISCOUNT FOR PURPOSES OF SECTION 1271 ET SEQ. OF THE INTERNAL REVENUE CODE OF 1986, AS AMENDED. PURSUANT TO TREASURY REGULATION SECTION 1.1275-3, A HOLDER MAY OBTAIN THE ISSUE PRICE, AMOUNT OF ORIGINAL ISSUE DISCOUNT, ISSUE DATE, AND YIELD TO MATURITY FOR THIS NOTE BY SUBMITTING A WRITTEN REQUEST FOR SUCH INFORMATION TO THE BORROWER AT THE FOLLOWING ADDRESS: 201 MISSION STREET, SUITE 2375, SAN FRANCISCO, CALIFORNIA 94105.

SECURED CONVERTIBLE PROMISSORY NOTE

Effective Date: June 29, 2017

U.S. \$2,155,000.00

FOR VALUE RECEIVED, JAGUAR ANIMAL HEALTH, INC., a Delaware corporation ("**Borrower**"), promises to pay to CHICAGO VENTURE PARTNERS, L.P., a Utah limited partnership, or its successors or assigns ("**Lender**"), \$2,155,000.00 and any interest, fees, charges, and late fees on August 2, 2018 (the "**Maturity Date**") in accordance with the terms set forth herein and to pay interest on the Outstanding Balance at the rate of eight percent (8%) per annum from the Purchase Price Date until the same is paid in full. This Secured Convertible Promissory Note (this "**Note**") is issued and made effective as of June 29, 2017 (the "**Effective Date**"). This Note is issued pursuant to that certain Securities Purchase Agreement dated June 29, 2017, as the same may be amended from time to time, by and between Borrower and Lender (the "**Purchase Agreement**"). All interest calculations hereunder shall be computed on the basis of a 360-day year comprised of twelve (12) thirty (30) day months, shall compound daily and shall be payable in accordance with the terms of this Note. Certain capitalized terms used herein are defined in Attachment 1 attached hereto and incorporated herein by this reference.

This Note carries an OID of \$425,000.00. In addition, Borrower agrees to pay \$30,000.00 to Lender to cover Lender's legal fees, accounting costs, due diligence, monitoring and other transaction costs incurred in connection with the purchase and sale of this Note (the "**Transaction Expense Amount**"), all of which amount is included in the initial principal balance of this Note. The purchase price for this Note shall be \$1,700,000.00 (the "**Purchase Price**"), computed as follows: \$2,155,000.00 original principal balance, less the OID, less the Transaction Expense Amount. The Purchase Price shall be payable by Lender by wire transfer of immediately available funds.

1. Payment; Prepayment.

1.1. Payment. All payments owing hereunder shall be in lawful money of the United States of America or Conversion Shares (as defined below), as provided for herein, and delivered to Lender at the address or bank account furnished to Borrower for that purpose. All payments shall be applied first to (a) costs of collection, if any, then to (b) fees and charges, if any, then to (c) accrued and unpaid interest, and thereafter, to (d) principal.

1.2. Prepayment. Notwithstanding the foregoing, so long as Borrower has not received a Lender Conversion Notice (as defined below) or a Redemption Notice (as defined below) from Lender where the applicable Conversion Shares have not yet been delivered, then Borrower shall have the right, exercisable on not less than five (5) Trading Days prior written notice to Lender to prepay the Outstanding Balance of this Note, in full, in accordance with this Section 1.2. Any notice of prepayment hereunder (an "**Optional Prepayment Notice**") shall be delivered to Lender at its registered address and shall state: (i) that Borrower is exercising its right to prepay this Note, and (ii) the date of prepayment, which shall be not less than five (5) Trading Days from the date of the Optional Prepayment Notice. On the date fixed for prepayment (the "**Optional Prepayment Date**"), Borrower shall make payment of the Optional Prepayment Amount (as defined below) to or upon the order of Lender as may be specified by Lender in writing to Borrower. If Borrower exercises its right to prepay this Note, Borrower shall make payment to Lender of an amount in cash equal to 117.5% multiplied by the then Outstanding Balance of this Note (the "**Optional Prepayment Amount**"). In the event Borrower delivers the Optional Prepayment Amount to Lender prior to the Optional Prepayment Date or without delivering an Optional Prepayment Notice to Lender as set forth herein without Lender's prior written consent, the Optional Prepayment Amount shall not be deemed to have been paid to Lender until the Optional Prepayment Date. In the event Borrower delivers the Optional Prepayment Amount without an Optional Prepayment Notice, then the Optional Prepayment Date will be deemed to be the date that is five (5) Trading Days from the date that the Optional Prepayment Amount was delivered to Lender and Lender shall be entitled to exercise its conversion rights set forth herein during such five (5) day period in which case the Optional Prepayment Amount shall be promptly returned to Borrower.

2. Security. This Note is secured by that certain Security Agreement of even date herewith, as the same may be amended from time to time (the "**Security Agreement**"), executed by Borrower in favor of Lender encumbering all assets of Borrower, as more specifically set forth in the Security Agreement, all the terms and conditions of which are hereby incorporated into and made a part of this Note.

3. Lender Optional Conversion.

3.1. Lender Conversions. Lender has the right at any time after the earlier of the date that is six (6) months after the Purchase Price Date and the effective date of the Registration Statement (as defined in the Purchase Agreement) until the Outstanding Balance has been paid in full, including without limitation until any Optional Prepayment Date (even if Lender has received an Optional Prepayment Notice) or at any time thereafter with respect to any amount that is not prepaid, at its election, to convert (each instance of conversion is referred to herein as a "**Lender Conversion**") all or any part of the Outstanding Balance into shares ("**Lender Conversion Shares**") of fully paid and non-assessable common stock, \$0.0001 par value per share ("**Common Stock**"), of Borrower as per the following conversion formula: the number of Lender Conversion Shares equals the amount being converted (the "**Conversion Amount**") divided by the Conversion Price (as defined below). Conversion notices in the form attached hereto as Exhibit A (each, a "**Lender Conversion Notice**") may be effectively delivered to Borrower by any method of Lender's choice (including but not limited to facsimile, email, mail, overnight courier, or personal delivery, all in accordance with the notice provisions set forth in Section 21 hereof),

and all Lender Conversions shall be cashless and not require further payment from Lender. Borrower shall deliver the Lender Conversion Shares from any Lender Conversion to Lender in accordance with Section 9 below.

3.2. Conversion Price. Subject to adjustment as set forth in this Note, the price at which Lender has the right to convert all or any portion of the Outstanding Balance into Common Stock is \$1.00 per share of Common Stock (as adjusted for stock splits, combinations, reclassifications and the like) (the “**Conversion Price**”).

4. Defaults and Remedies.

4.1. Defaults. The following are events of default under this Note (each, an “**Event of Default**”): (a) Borrower fails to pay any principal or any interest, fees, charges, or any other amount when due and payable hereunder, which default remains uncured for a period of one (1) Trading Day; (b) Borrower fails to deliver any Conversion Shares (as defined below) in accordance with the terms hereof, which default remains uncured for a period of five (5) Trading Days; (c) a receiver, trustee or other similar official shall be appointed over Borrower or a material part of its assets and such appointment shall remain uncontested for thirty (30) calendar days or shall not be dismissed or discharged within sixty (60) calendar days; (d) Borrower generally fails to pay, or admits in writing its inability to pay, its debts as they become due, subject to applicable grace periods, if any; (e) Borrower makes a general assignment for the benefit of creditors; (f) Borrower files a petition for relief under any bankruptcy, insolvency or similar law (domestic or foreign); (g) an involuntary bankruptcy proceeding is commenced or filed against Borrower which is not dismissed or discharged within sixty (60) calendar days; (h) Borrower defaults or otherwise fails to observe or perform any covenant, obligation, condition or agreement of Borrower contained herein or in any other Transaction Document (as defined in the Purchase Agreement), other than those specifically set forth in this Section 4.1 and Section 4 of the Purchase Agreement, which default continues for a period of thirty (30) calendar days following notice by Lender to Borrower thereof; (i) any representation, warranty or other statement made or furnished by or on behalf of Borrower to Lender herein or in any Transaction Document, is false, incorrect, incomplete or misleading in any material respect when made or furnished; (j) the occurrence of a Fundamental Transaction without Lender’s prior written consent; (k) Borrower fails to maintain the Share Reserve as required under the Purchase Agreement; (l) Borrower effectuates a reverse split of its Common Stock without twenty (20) Trading Days prior written notice to Lender (other than such splits effectuated to remain listed with NASDAQ); (m) any money judgment, writ or similar process is entered or filed against Borrower or any subsidiary of Borrower or any of its property or other assets for more than \$1,000,000.00, and shall remain unpaid, unvacated, unbonded or unstayed for a period of thirty (30) calendar days unless otherwise consented to by Lender; (n) Borrower fails to be DWAC Eligible for more than thirty (30) calendar days; (o) Borrower fails to observe or perform any covenant set forth in Section 4 of the Purchase Agreement, which default continues for a period of thirty (30) calendar days following the occurrence of the applicable breach; or (p) Borrower breaches any covenant or other term or condition contained in any Other Agreements, which default continues for a period of thirty (30) calendar days following notice by Lender to Borrower thereof. Notwithstanding the foregoing, the cure period set forth in 4.1(b) above shall only apply to the first three (3) occurrences and shall not apply to any occurrences thereafter.

4.2. Remedies. At any time and from time to time after Lender becomes aware of the occurrence of any Event of Default, Lender may apply the Default Effect and accelerate this Note by written notice to Borrower, with the Outstanding Balance becoming immediately due and payable in cash. Notwithstanding the foregoing, at any time following the occurrence of any Event of Default, Lender may, at its option, elect to increase the Outstanding Balance by applying the Default Effect (subject to the limitation set forth below) via written notice to Borrower without accelerating the Outstanding Balance,

in which event the Outstanding Balance shall be increased as of the date of the occurrence of the applicable Event of Default pursuant to the Default Effect, but the Outstanding Balance shall not be immediately due and payable unless so declared by Lender (for the avoidance of doubt, if Lender elects to apply the Default Effect pursuant to this sentence, it shall reserve the right to declare the Outstanding Balance immediately due and payable at any time and no such election by Lender shall be deemed to be a waiver of its right to declare the Outstanding Balance immediately due and payable as set forth herein unless otherwise agreed to by Lender in writing). Notwithstanding the foregoing, upon the occurrence of any Event of Default described in clauses (d), (e), (f), (g) or (h) of Section 4.1, the Outstanding Balance as of the date of acceleration shall become immediately and automatically due and payable in cash at the Outstanding Balance as automatically increased by the Default Effect, without any written notice required by Lender. At any time following the occurrence of any Event of Default, upon written notice given by Lender to Borrower, interest shall accrue on the Outstanding Balance beginning on the date the applicable Event of Default occurred at an interest rate equal to the lesser of 17% per annum or the maximum rate permitted under applicable law (“**Default Interest**”). For the avoidance of doubt, Lender may continue making Lender Conversions and Redemption Conversions (as defined below) at any time following an Event of Default until such time as the Outstanding Balance is paid in full. Borrower further acknowledges and agrees that Lender may continue making Conversions following the entry of any judgment or arbitration award in favor of Lender until such time that the entire judgment amount or arbitration award is paid in full. Additionally, following the occurrence of any Event of Default, Borrower may, at its option, pay any Lender Conversion in cash instead of Lender Conversion Shares by paying to Lender on or before the applicable Delivery Date (as defined below) a cash amount equal to the number of Lender Conversion Shares set forth in the applicable Lender Conversion Notice multiplied by the highest intra-day trading price of the Common Stock that occurs during the period beginning on the date the applicable Event of Default occurred and ending on the date of the applicable Lender Conversion Notice. In connection with acceleration described herein, Lender need not provide, and Borrower hereby waives, any presentment, demand, protest or other notice of any kind, and Lender may immediately and without expiration of any grace period enforce any and all of its rights and remedies hereunder and all other remedies available to it under applicable law. Such acceleration may be rescinded and annulled by Lender at any time prior to payment hereunder and Lender shall have all rights as a holder of the Note until such time, if any, as Lender receives full payment pursuant to this Section 4.2. No such rescission or annulment shall affect any subsequent Event of Default or impair any right consequent thereon. Nothing herein shall limit Lender’s right to pursue any other remedies available to it at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to Borrower’s failure to timely deliver Conversion Shares upon Conversion of the Note as required pursuant to the terms hereof.

5. Unconditional Obligation; No Offset. Borrower acknowledges that this Note is an unconditional, valid, binding and enforceable obligation (except as may be limited by applicable bankruptcy, insolvency and similar laws affecting creditors’ rights and by general principles of equity) of Borrower not subject to offset, deduction or counterclaim of any kind. Borrower hereby waives any rights of offset it now has or may have hereafter against Lender, its successors and assigns, and agrees to make the payments or Conversions called for herein in accordance with the terms of this Note.

6. Waiver. No waiver of any provision of this Note shall be effective unless it is in the form of a writing signed by the party granting the waiver. No waiver of any provision or consent to any prohibited action shall constitute a waiver of any other provision or consent to any other prohibited action, whether or not similar. No waiver or consent shall constitute a continuing waiver or consent or commit a party to provide a waiver or consent in the future except to the extent specifically set forth in writing.

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7. Adjustment of Conversion Price and Minimum Redemption Price upon Subdivision or Combination of Common Stock. Without limiting any provision hereof, if Borrower at any time on or after the Purchase Price Date subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its outstanding shares of Common Stock into a greater number of shares, the Conversion Price and Minimum Redemption Price in effect immediately prior to such subdivision will be proportionately reduced. Without limiting any provision hereof, if Borrower at any time on or after the Purchase Price Date combines (by combination, reverse stock split or otherwise) one or more classes of its outstanding shares of Common Stock into a smaller number of shares, the Conversion Price and Minimum Redemption Price in effect immediately prior to such combination will be proportionately increased. Any adjustment pursuant to this Section 7 shall become effective immediately after the effective date of such subdivision or combination. If any event requiring an adjustment under this Section 7 occurs during the period that a Conversion Price or Minimum Redemption Price is calculated hereunder, then the calculation of such Conversion Price or Minimum Redemption Price shall be adjusted appropriately to reflect such event.

8. Borrower Redemptions.

8.1. Redemption Conversions. Beginning on the earlier of the date that is six (6) months after the Purchase Price Date and the effective date of the Registration Statement (as defined in the Purchase Agreement), Lender shall have the right, exercisable at any time in its sole and absolute discretion, to redeem a portion of the Note in any amount (such amount, the “**Redemption Amount**”) up to the Maximum Monthly Redemption Amount by providing Borrower with a notice substantially in the form attached hereto as Exhibit B (each, a “**Redemption Notice**”, and each date on which Lender delivers a Redemption Notice, a “**Redemption Date**”). For the avoidance of doubt, Lender may submit to Borrower one (1) or more Redemption Notices in any given calendar month, provided that the aggregate amount being redeemed in any calendar month does not exceed the Maximum Monthly Redemption Amount. Payments of each Redemption Amount may be made (a) in cash, or (b) by converting such Redemption Amount into shares of Common Stock (“**Redemption Conversion Shares**”, and together with the Lender Conversion Shares, the “**Conversion Shares**”) in accordance with this Section 8 (each, a “**Redemption Conversion**”) per the following formula: the number of Redemption Conversion Shares equals the portion of the applicable Redemption Amount being converted divided by the Conversion Price, or (c) by any combination of the foregoing, so long as the cash is delivered to Lender on or before the third Trading Day immediately following the applicable Redemption Date and the Redemption Conversion Shares are delivered to Lender on or before the applicable Delivery Date. Notwithstanding the foregoing, Borrower will not be entitled to elect a Redemption Conversion with respect to any portion of any applicable Redemption Amount and shall be required to pay the entire amount of such Redemption Amount in cash, if on the applicable Redemption Date, there is an Equity Conditions Failure, and such failure is not waived in writing by Lender. In addition, notwithstanding anything herein to the contrary, in the event the Closing Trade Price on the Trading Day immediately prior to any Redemption Date is less than the Minimum Redemption Price, then Borrower must deliver the entire Redemption Amount in cash or obtain Lender’s consent to deliver Conversion Shares at a price agreed upon by Borrower and Lender. If Borrower is required to pay a Redemption Amount in cash pursuant to this Section 8 but cannot make a cash payment as result of the terms and conditions of the Subordination Agreement and Borrower and Lender cannot agree on a price at which such Redemption Conversion Shares would be delivered, then such event shall be considered an Event of Default under Section 4. Notwithstanding that failure to repay this Note in full by the Maturity Date is an Event of Default, the Redemption Dates shall continue after the Maturity Date pursuant to this Section 8 until the Outstanding Balance is repaid in full, provided that the aggregate Redemption Amounts in any given calendar month following an Event of Default may exceed the Maximum Monthly Redemption Amount.

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8.2. Allocation of Redemption Amounts. Following its receipt of a Redemption Notice, Borrower may either ratify Lender’s proposed allocation in the applicable Redemption Notice or elect to change the allocation by written notice to Lender by email or fax transmitted within two (2) Trading Days of its receipt of such Redemption Notice, so long as the sum of the cash payments and the amount of Redemption Conversions equal the applicable Redemption Amount. If Borrower fails to notify Lender of its election to change the allocation prior to the deadline set forth in the previous sentence it shall be deemed to have ratified and accepted the allocation set forth in the applicable Redemption Notice prepared by Lender. Borrower acknowledges and agrees that the amounts and calculations set forth thereon are subject to correction or adjustment because of error, mistake, or any adjustment resulting from an Event of Default or other adjustment permitted under the Transaction Documents (an “**Adjustment**”). Furthermore, no error or mistake in the preparation of such notices, or failure to apply any Adjustment that could have been applied prior to the preparation of a Redemption Notice may be deemed a waiver of Lender’s right to enforce the terms of any Note, even if such error, mistake, or failure to include an Adjustment arises from Lender’s own calculation. Borrower shall deliver the Redemption Conversion Shares from any Redemption Conversion to Lender in accordance with Section 9 below on or before each applicable Delivery Date. If Borrower elects to pay a Redemption Amount in cash, such payment must be delivered on or before the third Trading Day immediately following the Redemption Date. If Borrower elects to make a payment in cash and fails to make such payment by the required due date on two (2) separate occasions, Borrower shall lose the right to make payments of Redemption Amounts in cash in the future without Lender’s written consent.

9. Method of Conversion Share Delivery. On or before the close of business on the third (3rd) Trading Day following each Redemption Date or the third (3rd) Trading Day following the date of delivery of a Lender Conversion Notice (the “**Delivery Date**”), Borrower shall, provided it is DWAC Eligible at such time, deliver or cause its transfer agent to deliver the applicable Conversion Shares electronically via DWAC to the account designated by Lender in the applicable Lender Conversion Notice or Redemption Notice. If Borrower is not DWAC Eligible, it shall deliver to Lender or its broker (as designated in the Lender Conversion Notice or Redemption Notice, as applicable), via reputable overnight courier, a certificate representing the number of shares of Common Stock equal to the number of Conversion Shares to which Lender shall be entitled, registered in the name of Lender or its designee. For the avoidance of doubt, Borrower has not met its obligation to deliver Conversion Shares by the Delivery Date unless Lender or its broker, as applicable, has actually received the certificate representing the applicable Conversion Shares no later than the close of business on the relevant Delivery Date pursuant to the terms set forth above. Moreover, and notwithstanding anything to the contrary herein or in any other Transaction Document, in the event Borrower or its transfer agent refuses to deliver any Conversion Shares to Lender on grounds that such issuance is in violation of Rule 144 under the Securities Act of 1933, as amended (“**Rule 144**”), Borrower shall deliver or cause its transfer agent to deliver the applicable Conversion Shares to Lender with a restricted securities legend, but otherwise in accordance with the provisions of this Section 9. In conjunction therewith, Borrower will also deliver to Lender a written opinion from its counsel or its transfer agent’s counsel opining as to why the issuance of the applicable Conversion Shares violates Rule 144.

10. Conversion Delays. If Borrower fails to deliver Conversion Shares in accordance with the timeframes stated in Section 9, Lender, at any time prior to selling all of those Conversion Shares may rescind in whole or in part that particular Conversion attributable to the unsold Conversion Shares, with a corresponding increase to the Outstanding Balance (any returned amount will tack back to the Purchase Price Date for purposes of determining the holding period under Rule 144). In addition, for each Conversion, in the event that Conversion Shares are not delivered by the fourth Trading Day (inclusive of the day of the Conversion), a late fee equal to the greater of (a) \$500.00 and (b) 2% of the applicable Conversion Share Value rounded to the nearest multiple of \$100.00 (but in any event the cumulative amount of such late fees for each Conversion shall not exceed 200% of the applicable Conversion Share

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Value) will be assessed for each day after the third Trading Day (inclusive of the day of the Conversion) until Conversion Share delivery is made; and such late fee will be added to the Outstanding Balance (such fees, the “**Conversion Delay Late Fees**”). For illustration purposes only, if Lender delivers a Conversion Notice to Borrower pursuant to which Borrower is required to deliver 100,000 Conversion Shares to Lender and on the Delivery Date such Conversion Shares have a Conversion Share Value of \$20,000.00 (assuming a Closing Trade Price on the Delivery Date of \$0.20 per share of Common Stock), then in such event a Conversion Delay Late Fee in the amount of \$500.00 per day (the greater of \$500.00 per day and \$20,000.00 multiplied by 2%, which is \$400.00) would be added to the Outstanding Balance of the Note until such Conversion Shares are delivered to Lender. For purposes of this example, if the Conversion Shares are delivered to Lender twenty (20) days after the applicable Delivery Date, the total Conversion Delay Late Fees that would be added to the Outstanding Balance would be \$10,000.00 (20 days multiplied by \$500.00 per day). If the Conversion Shares are delivered to Lender one hundred (100) days after the applicable Delivery Date, the total Conversion Delay Late Fees that would be added to the Outstanding Balance would be \$40,000.00 (100 days multiplied by \$500.00 per day, but capped at 200% of the Conversion Share Value).

11. Ownership Limitation. Notwithstanding anything to the contrary contained in this Note or the other Transaction Documents, if at any time Lender shall or would be issued shares of Common Stock under any of the Transaction Documents, but such issuance would cause Lender (together with its affiliates) to beneficially own a number of shares exceeding 9.99% of the number of shares of Common Stock outstanding on such date (including for such purpose the shares of Common Stock issuable upon such issuance) (the “**Maximum Percentage**”), then Borrower must not issue to Lender shares of Common Stock which would exceed the Maximum Percentage. For purposes of this section, beneficial ownership of Common Stock will be determined pursuant to Section 13(d) of the 1934 Act. The shares of Common Stock issuable to Lender that would cause the Maximum Percentage to be exceeded are referred to herein as the “**Ownership Limitation Shares**”. Borrower will reserve the Ownership Limitation Shares for the exclusive benefit of Lender. From time to time, Lender may notify Borrower in writing of the number of the Ownership Limitation Shares that may be issued to Lender without causing Lender to exceed the Maximum Percentage. Upon receipt of such notice, Borrower shall be unconditionally obligated to immediately issue such designated shares to Lender, with a corresponding reduction in the number of the Ownership Limitation Shares. By written notice to Borrower, Lender may increase, decrease or waive the Maximum Percentage as to itself but any such waiver will not be effective until the 61st day after delivery thereof. The foregoing 61-day notice requirement is enforceable, unconditional and non-waivable and shall apply to all affiliates and assigns of Lender.

12. Issuance Cap. Notwithstanding anything to the contrary contained in this Note or the other Transaction Documents, Borrower and Lender agree that the total cumulative number of shares of Common Stock issued to Lender hereunder may not exceed the requirements of Nasdaq Listing Rule 5635(d) (“**Nasdaq 19.99% Cap**”), except that such limitation will not apply following Approval (defined below) or if Borrower obtains from its counsel (or if Lender obtains from its counsel) a written opinion that the Approval is not required. If the number of Conversion Shares issued to Investor reaches the Nasdaq 19.99% Cap, so as not to violate the 20% limit established in Listing Rule 5635(d), Borrower will use its best efforts to obtain stockholder approval of the Note and the issuance of the Conversion Shares, if necessary, in accordance with the requirements of Nasdaq Listing Rule 5635(d) or a waiver from Nasdaq (the “**Approval**”). If the Borrower is unable to obtain such Approval, any remaining Outstanding Balance of this Note must be repaid in cash when due and payable.

13. Payment of Collection Costs. If this Note is placed in the hands of an attorney for collection or enforcement prior to commencing arbitration or legal proceedings, or is collected or enforced through any arbitration or legal proceeding, or Lender otherwise takes action to collect amounts due under this Note or to enforce the provisions of this Note, then Borrower shall pay the reasonable and

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documented out-of-pocket costs incurred by Lender for such collection, enforcement or action including, without limitation, reasonable and documented attorneys’ fees and disbursements. Borrower also agrees to pay for any costs, fees or charges of its transfer agent that are charged to Lender pursuant to any Conversion or issuance of shares pursuant to this Note.

14. Opinion of Counsel. In the event that an opinion of counsel is needed for any matter related to this Note, Lender has the right to have any such opinion provided by its counsel

15. Governing Law; Venue. This Note shall be construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Note shall be governed by, the internal laws of the State of Utah, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of Utah or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of Utah. The provisions set forth in the Purchase Agreement to determine the proper venue for any disputes are incorporated herein by this reference.

16. Resolution of Disputes.

16.1. Arbitration of Disputes. By its acceptance of this Note, each party agrees to be bound by the Arbitration Provisions (as defined in the Purchase Agreement) set forth as an exhibit to the Purchase Agreement.

16.2. Calculation Disputes. Notwithstanding the Arbitration Provisions, in the case of a dispute as to any Calculation (as defined in the Purchase Agreement), such dispute will be resolved in the manner set forth in the Purchase Agreement.

17. Cancellation. After repayment or conversion of the entire Outstanding Balance, this Note shall be deemed paid in full, shall automatically be deemed canceled, and shall not be reissued.

18. Amendments. The prior written consent of both parties hereto shall be required for any change or amendment to this Note.
19. Assignments. Borrower may not assign this Note without the prior written consent of Lender. This Note and any shares of Common Stock issued upon conversion of this Note may be offered, sold, assigned or transferred by Lender without the consent of Borrower.
20. Time is of the Essence. Time is expressly made of the essence with respect to each and every provision of this Note and the documents and instruments entered into in connection herewith.
21. Notices. Whenever notice is required to be given under this Note, unless otherwise provided herein, such notice shall be given in accordance with the subsection of the Purchase Agreement titled "Notices."
22. Liquidated Damages. Lender and Borrower agree that in the event Borrower fails to comply with any of the terms or provisions of this Note, Lender's damages would be uncertain and difficult (if not impossible) to accurately estimate because of the parties' inability to predict future interest rates, future share prices, future trading volumes and other relevant factors. Accordingly, Lender and Borrower agree that any fees, balance adjustments, Default Interest or other charges assessed under this Note are not penalties but instead are intended by the parties to be, and shall be deemed, liquidated damages (under Lender's and Borrower's expectations that any such liquidated damages will tack back to the Purchase Price Date for purposes of determining the holding period under Rule 144).

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23. Waiver of Jury Trial. EACH OF LENDER AND BORROWER IRREVOCABLY WAIVES ANY AND ALL RIGHTS SUCH PARTY MAY HAVE TO DEMAND THAT ANY ACTION, PROCEEDING OR COUNTERCLAIM ARISING OUT OF OR IN ANY WAY RELATED TO THIS NOTE OR THE RELATIONSHIPS OF THE PARTIES HERETO BE TRIED BY JURY. THIS WAIVER EXTENDS TO ANY AND ALL RIGHTS TO DEMAND A TRIAL BY JURY ARISING UNDER COMMON LAW OR ANY APPLICABLE STATUTE, LAW, RULE OR REGULATION. FURTHER, EACH PARTY HERETO ACKNOWLEDGES THAT SUCH PARTY IS KNOWINGLY AND VOLUNTARILY WAIVING SUCH PARTY'S RIGHT TO DEMAND TRIAL BY JURY.

24. Voluntary Agreement. Borrower has carefully read this Note and has asked any questions needed for Borrower to understand the terms, consequences and binding effect of this Note and fully understand them. Borrower has had the opportunity to seek the advice of an attorney of Borrower's choosing, or has waived the right to do so, and is executing this Note voluntarily and without any duress or undue influence by Lender or anyone else.

25. Severability. If any part of this Note is construed to be in violation of any law, such part shall be modified to achieve the objective of Borrower and Lender to the fullest extent permitted by law and the balance of this Note shall remain in full force and effect.

[Remainder of page intentionally left blank; signature page follows]

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IN WITNESS WHEREOF, Borrower has caused this Note to be duly executed as of the Effective Date.

BORROWER:

JAGUAR ANIMAL HEALTH, INC.

By: /s/ Lisa A. Conte

Name: Lisa A. Conte

Title: President and CEO

ACKNOWLEDGED, ACCEPTED AND AGREED:

LENDER:

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C.,
its General Partner

By: CVM, Inc., its Manager

By: /s/ John M. Fife
John M. Fife, President

[Signature Page to Secured Convertible Promissory Note]

For purposes of this Note, the following terms shall have the following meanings:

- A1. “**Bloomberg**” means Bloomberg L.P. (or if that service is not then reporting the relevant information regarding the Common Stock, a comparable reporting service of national reputation selected by Lender and reasonably satisfactory to Borrower).
- A2. “**Closing Bid Price**” and “**Closing Trade Price**” means the last closing bid price and last closing trade price, respectively, for the Common Stock on its principal market, as reported by Bloomberg, or, if its principal market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price (as the case may be) then the last bid price or last trade price, respectively, of the Common Stock prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if its principal market is not the principal securities exchange or trading market for the Common Stock, the last closing bid price or last trade price, respectively, of the Common Stock on the principal securities exchange or trading market where the Common Stock is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of the Common Stock in the over-the-counter market on the electronic bulletin board for the Common Stock as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for the Common Stock by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for the Common Stock as reported by OTC Markets Group, Inc., and any successor thereto. If the Closing Bid Price or the Closing Trade Price cannot be calculated for the Common Stock on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Trade Price (as the case may be) of the Common Stock on such date shall be the fair market value as mutually determined by Lender and Borrower. If Lender and Borrower are unable to agree upon the fair market value of the Common Stock, then such dispute shall be resolved in accordance with the procedures in Section 16.2. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during such period.
- A3. “**Conversion**” means a Lender Conversion under Section 3 or a Redemption Conversion under Section 8.
- A4. “**Conversion Share Value**” means the product of the number of Conversion Shares deliverable pursuant to any Conversion multiplied by the Closing Trade Price of the Common Stock on the Delivery Date for such Conversion.
- A5. “**Default Effect**” means multiplying the Outstanding Balance as of the date the applicable Event of Default occurred by 17.5%.
- A6. “**DTC**” means the Depository Trust Company or any successor thereto.
- A7. “**DTC Eligible**” means, with respect to the Common Stock, that such Common Stock is eligible to be deposited in certificate form at the DTC, cleared and converted into electronic shares by the DTC and held in the name of the clearing firm servicing Lender’s brokerage firm for the benefit of Lender.
- A8. “**DTC/FAST Program**” means the DTC’s Fast Automated Securities Transfer program.
- A9. “**DWAC**” means the DTC’s Deposit/Withdrawal at Custodian system.
- A10. “**DWAC Eligible**” means that (a) Borrower’s Common Stock is eligible at DTC for full services pursuant to DTC’s operational arrangements, including without limitation transfer through DTC’s DWAC system, (b) Borrower has been approved (without revocation) by DTC’s underwriting department, (c) Borrower’s transfer agent is approved as an agent in the DTC/FAST Program, (d) the Conversion Shares are otherwise eligible for delivery via DWAC; (e) Borrower has previously delivered all Conversion Shares to Lender via DWAC; and (f) Borrower’s transfer agent does not have a policy prohibiting or limiting delivery of the Conversion Shares via DWAC.
- A11. “**Equity Conditions Failure**” means that any of the following conditions has not been satisfied during any applicable Equity Conditions Measuring Period (as defined below): (a) with respect to the applicable date of determination all of the Conversion Shares would be freely tradable either under an effective registration statement or under Rule 144 (in each case, disregarding any limitation on conversion of this Note); (b) on each

applicable Redemption Date (the “**Equity Conditions Measuring Period**”), the Common Stock is listed or designated for quotation (as applicable) on any of NYSE, NASDAQ, OTCQX, or OTCQB (each, an “**Eligible Market**”); (c) any shares of Common Stock to be issued in connection with the event requiring determination may be issued in full without violating Section 11 hereof (Lender acknowledges that Borrower shall be entitled to assume that this condition has been met for all purposes hereunder absent written notice from Lender); (d) any shares of Common Stock to be issued in connection with the event requiring determination may be issued in full without violating the rules or regulations of the Eligible Market on which the Common Stock is then listed or designated for quotation (as applicable); (e) Borrower shall have no knowledge of any fact that would reasonably be expected to cause any of the Conversion Shares to not be freely tradable without the need for registration under any applicable state securities laws (in each case, disregarding any limitation on conversion of this Note); and (f) the Common Stock shall be DWAC Eligible as of each applicable Redemption Date or other date of determination.

A12. “**Excluded Securities**” means any shares of Common Stock, options, or convertible securities issued or issuable in connection with any Approved Stock Plan; *provided that* the option term, exercise price or similar provisions of any issuances pursuant to such Approved Stock Plan are not amended, modified or changed on or after the Purchase Price Date.

A13. “**Fundamental Transaction**” means that, except in connection with the transactions contemplated by the Merger Agreement and the S-4 Transactions, (a) (i) Borrower shall, directly or indirectly, in one or more related transactions, consolidate or merge with or into (whether or not Borrower or any of its subsidiaries is the surviving corporation) any other person or entity, or (ii) Borrower shall, directly or indirectly, in one or more related transactions, sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of its respective properties or assets to any other person or entity, or (iii) Borrower or any of its subsidiaries shall, directly or indirectly, in one or more related transactions, allow any other person or entity to make a purchase, tender or exchange offer that is accepted by the holders of more than 50% of the outstanding shares of voting stock of Borrower (not including any shares of voting stock of Borrower held by the person or persons making or party to, or associated or affiliated with the persons or entities making or party to, such purchase, tender or exchange offer), or (iv) Borrower shall, directly or indirectly, in one or more related transactions, consummate a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with any other person or entity whereby such other person or entity acquires more than 50% of the outstanding shares of voting stock of Borrower (not including any shares of voting stock of Borrower held by the other persons or entities making or party to, or associated or affiliated with the other persons or entities making or party to, such stock or share purchase agreement or other business combination), or (v) Borrower shall, directly or indirectly, in one or more related transactions, reorganize, recapitalize or reclassify the Common Stock, other than an increase in the number of authorized shares of Borrower’s Common

Stock, or (b) any "person" or "group" (as these terms are used for purposes of Sections 13(d) and 14(d) of the 1934 Act and the rules and regulations promulgated thereunder) is or shall become the "beneficial owner" (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding voting stock of Borrower.

A14. "Maximum Monthly Redemption Amount" means \$350,000.00, which is the maximum aggregate Redemption Amount that may be redeemed in any calendar month.

A15. "Merger Agreement" means the Agreement and Plan of Merger, dated March 31, 2017, by and among Napo Pharmaceuticals, Inc., a Delaware corporation, the Company and Napo Acquisition Corporation, a Delaware corporation, as amended.

A16. "Merger Closing Date" means the date upon which the merger contemplated by the Merger Agreement is consummated and has become effective.

A17. "Minimum Redemption Price" means \$1.15 per share of Common Stock.

A18. "Other Agreements" means, collectively, (a) all existing and future agreements and instruments between, among or by Borrower (or an affiliate), on the one hand, and Lender (or an affiliate), on the other hand, and (b) any financing agreement or a material agreement that affects Borrower's ongoing business operations, but in all cases, excluding the Lender Conversion Shares and Redemption Conversion Shares.

A19. "Outstanding Balance" means as of any date of determination, the Purchase Price, as reduced or increased, as the case may be, pursuant to the terms hereof for payment, Conversion, offset, or otherwise, plus the OID, the Transaction Expense Amount, accrued but unpaid interest, collection and enforcements costs (including

attorneys' fees) incurred by Lender, transfer, stamp, issuance and similar taxes and fees related to Conversions, and any other fees or charges (including without limitation Conversion Delay Late Fees) incurred under this Note.

A20. "Purchase Price Date" means the date the Purchase Price is delivered by Lender to Borrower.

A21. "S-4 Transactions" means any and all transactions individually or in the aggregate and documents and agreements referenced and/or filed as exhibits as disclosed or contemplated in that certain Form S-4 Registration Statement relating to the Borrower and filed with the United States Securities and Exchange Commission on April 18, 2017, as amended, modified or supplemented from time to time

A22. "Trading Day" means any day on which the New York Stock Exchange is open for trading.

EXHIBIT A

Chicago Venture Partners, L.P.
303 East Wacker Drive, Suite 1040
Chicago, Illinois 60601

Jaguar Animal Health, Inc.
Attn: Lisa A. Conte, CEO
201 Mission Street, Suite 2375
San Francisco, CA 94105

Date:

LENDER CONVERSION NOTICE

The above-captioned Lender hereby gives notice to Jaguar Animal Health, Inc., a Delaware corporation (the "Borrower"), pursuant to that certain Secured Convertible Promissory Note made by Borrower in favor of Lender on May 30, 2017 (the "Note"), that Lender elects to convert the portion of the Note balance set forth below into fully paid and non-assessable shares of Common Stock of Borrower as of the date of conversion specified below. Said conversion shall be based on the Conversion Price set forth below. In the event of a conflict between this Lender Conversion Notice and the Note, the Note shall govern, or, in the alternative, at the election of Lender in its sole discretion, Lender may provide a new form of Lender Conversion Notice to conform to the Note. Capitalized terms used in this notice without definition shall have the meanings given to them in the Note.

- A. Date of Conversion:
- B. Lender Conversion #:
- C. Conversion Amount:
- D. Conversion Price: \$1.00 (as may be adjusted pursuant to the terms of the Note)
- E. Lender Conversion Shares: (C divided by D)
- F. Remaining Outstanding Balance of Note: *

* Subject to adjustments for corrections, defaults, interest and other adjustments permitted by the Transaction Documents (as defined in the Purchase Agreement), the terms of which shall control in the event of any dispute between the terms of this Lender Conversion Notice and such Transaction Documents.

Please transfer the Lender Conversion Shares electronically (via DWAC) to the following account:

Broker:
DTC#:
Account #:
Account Name:

Address:

To the extent the Lender Conversion Shares are not able to be delivered to Lender electronically via the DWAC system, deliver all such certificated shares to Lender via reputable overnight courier after receipt of this Lender Conversion Notice (by facsimile transmission or otherwise) to:

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Sincerely,

Lender:

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C.,
its General Partner

By: CVM, Inc., its Manager

By: _____
John M. Fife, President

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EXHIBIT B

Chicago Venture Partners, L.P.
303 East Wacker Drive, Suite 1040
Chicago, Illinois 60601

Jaguar Animal Health, Inc.
Attn: Lisa A. Conte, CEO
201 Mission Street, Suite 2375
San Francisco, CA 94105

Date:

REDEMPTION NOTICE

The above-captioned Lender hereby gives notice to Jaguar Animal Health, Inc., a Delaware corporation (the "**Borrower**"), pursuant to that certain Secured Convertible Promissory Note made by Borrower in favor of Lender on May 30, 2017 (the "**Note**"), that Lender elects to redeem a portion of the Note in Redemption Conversion Shares or in cash as set forth below. In the event of a conflict between this Redemption Notice and the Note, the Note shall govern, or, in the alternative, at the election of Lender in its sole discretion, Lender may provide a new form of Redemption Notice to conform to the Note. Capitalized terms used in this notice without definition shall have the meanings given to them in the Note.

REDEMPTION INFORMATION

- A. Redemption Date: _____, 201
- B. Redemption Amount:
- C. Portion of Redemption Amount to be Paid in Cash:
- D. Portion of Redemption Amount to be Converted into Common Stock: _____ (B minus C)
- E. Closing Trade Price for Trading Day Immediately Prior to Redemption Date:
- F. Conversion Price: \$1.00 (used if E is greater than or equal to \$1.15) (as may be adjusted pursuant to the terms of the Note)
- G. Proposed Conversion Price: _____ (used if E is less than \$1.15 and Borrower desires to pay in Redemption Conversion Shares)
- H. Redemption Conversion Shares: _____ (D divided by F or G, as applicable)
- I. Remaining Outstanding Balance of Note: _____ *

* Subject to adjustments for corrections, defaults, interest and other adjustments permitted by the Transaction Documents (as defined in the Purchase Agreement), the terms of which shall control in the event of any dispute between the terms of this Redemption Notice and such Transaction Documents.

2. EQUITY CONDITIONS CERTIFICATION (Section to be completed by Borrower)

(Check One)

- A. Borrower hereby certifies that no Equity Conditions Failure exists as of the applicable Redemption Date.
- B. Borrower hereby gives notice that an Equity Conditions Failure has occurred and requests a waiver from Lender with respect thereto. The Equity Conditions Failure is as follows:

Please transfer the Redemption Conversion Shares, if applicable, electronically (via DWAC) to the following account:

Broker: _____ Address: _____
DTC#: _____
Account #: _____
Account Name: _____

To the extent the Redemption Conversion Shares are not able to be delivered to Lender electronically via the DWAC system, deliver all such certificated shares to Lender via reputable overnight courier after receipt of this Redemption Notice (by facsimile transmission or otherwise) to:

Sincerely,

Lender:

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C.,
its General Partner

By: CVM, Inc., its Manager

By: _____
John M. Fife, President

SECURITIES PURCHASE AGREEMENT

THIS SECURITIES PURCHASE AGREEMENT (this “**Agreement**”), dated as of June 29, 2017, is entered into by and between JAGUAR ANIMAL HEALTH, INC., a Delaware corporation (“**Company**”), and CHICAGO VENTURE PARTNERS, L.P., a Utah limited partnership, its successors and/or assigns (“**Investor**”).

A. Company and Investor are executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by the Securities Act of 1933, as amended (the “**1933 Act**”), and the rules and regulations promulgated thereunder by the United States Securities and Exchange Commission (the “**SEC**”).

B. Investor desires to purchase and Company desires to issue and sell, upon the terms and conditions set forth in this Agreement, a Secured Convertible Promissory Note, in the form attached hereto as Exhibit A, in the original principal amount of \$2,155,000.00 (the “**Note**”), convertible into shares of common stock, \$0.0001 par value per share, of Company (the “**Common Stock**”), upon the terms and subject to the limitations and conditions set forth in such Note.

C. This Agreement, the Note, the Security Agreement (as defined below), the Subordination Agreement (as defined below), and all other certificates, documents, agreements, resolutions and instruments executed and delivered to any party under or in connection with this Agreement (other than the Conversion Shares), as the same may be amended from time to time, are collectively referred to herein as the “**Transaction Documents**”.

D. For purposes of this Agreement: “**Conversion Shares**” means all shares of Common Stock issuable upon conversion or redemption of all or any portion of the Note; and “**Securities**” means the Note and the Conversion Shares.

NOW, THEREFORE, in consideration of the above recitals and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Company and Investor hereby agree as follows:

1. Purchase and Sale of Securities.

1.1. Purchase of Securities. Company shall issue and sell to Investor and Investor agrees to purchase from Company the Note. In consideration thereof, Investor shall pay the Purchase Price (as defined below) to Company.

1.2. Form of Payment. On the Closing Date (as defined below), Investor shall pay the Purchase Price to Company via wire transfer of immediately available funds against delivery of the Note.

1.3. Closing Date. Subject to the satisfaction (or written waiver) of the conditions set forth in Section 5 and Section 6 below, the date of the issuance and sale of the Securities pursuant to this Agreement (the “**Closing Date**”) shall be June 29, 2017, or such other mutually agreed upon date. The closing of the transactions contemplated by this Agreement (the “**Closing**”) shall occur on the Closing Date by means of the exchange by email of signed .pdf documents, but shall be deemed for all purposes to have occurred at the offices of Hansen Black Anderson Ashcraft PLLC in Lehi, Utah.

1.4. Collateral for the Note. The Note shall be secured by the collateral set forth in that certain Security Agreement attached hereto as Exhibit B listing

substantially all of Company’s assets as security for Company’s obligations under the Transaction Documents (the “**Security Agreement**”); *provided, however*, that the security interest granted pursuant to the Security Agreement shall not become effective unless and until Investor: (a) purchases the Hercules Debt (as defined below) from Hercules (as defined below) pursuant to the purchase right set forth in Section 4 of the Subordination Agreement; or (b) Company repays the Hercules Debt in full.

1.5. Original Issue Discount; Transaction Expense Amount. The Note carries an original issue discount of \$425,000.00 (the “**OID**”). In addition, Company agrees to pay \$30,000.00 to Investor to cover Investor’s legal fees, accounting costs, due diligence, monitoring and other transaction costs incurred in connection with the purchase and sale of the Securities (the “**Transaction Expense Amount**”), all of which amount is included in the initial principal balance of the Note. The “**Purchase Price**”, therefore, shall be \$1,700,000.00, computed as follows: \$2,155,000.00 initial principal balance, less the OID, less the Transaction Expense Amount.

1.6. Use of Proceeds. Company hereby covenants and agrees to, not later than then Merger Closing Date (as defined in the Note), use \$1,000,000.00 of the Purchase Price to reduce Company’s outstanding obligations (the “**Hercules Debt**”) under that certain Loan and Security Agreement (the “**Hercules Loan Agreement**”) between Company and Hercules Capital, Inc. (f/k/a Hercules Technology Growth Capital, Inc.), a Maryland corporation (“**Hercules**”), on August 18, 2015, as amended and the documents executed and delivered in connection therewith and to use the remainder of the Purchase Price to make payments under the Hercules Loan Agreement and for other general corporate purposes.

2. Investor’s Representations and Warranties. Investor represents and warrants to Company that as of the Effective Date: (i) this Agreement has been duly and validly authorized; (ii) Investor has all necessary power and authority under all applicable provisions of law to execute and deliver each Transaction Document and to carry out their provisions; (iii) this Agreement constitutes a valid and binding agreement of Investor enforceable in accordance with its terms; (iv) Investor is an “accredited investor” as that term is defined in Rule 501(a) of Regulation D of the 1933 Act; (v) Investor is acquiring the Securities for investment for such Investor’s own account, and not with a view to, or for resale in connection with, any distribution thereof, and Investor has no present intention of selling or distributing any of the Securities, (vi) Investor has had an opportunity to discuss Company’s business, management and financial affairs with its management and to obtain any additional information which Investor has deemed necessary or appropriate for deciding whether or not to purchase the Securities, including an opportunity to receive, review and understand the information set forth in Company’s financial statements, capitalization and other business information as Investor deems prudent, (vii) Investor acknowledges that no other representations or warranties, oral or written, have been made by Company or any agent thereof except as set forth in this Agreement, (viii) Investor is aware that no federal, state or other agency has made any finding or determination as to the fairness of the investment, nor made any recommendation or endorsement of the Securities, (ix) Investor has such knowledge and experience in financial and business matters, including investments in other emerging growth companies that such individual or entity is

capable of evaluating the merits and risks of the investment in the Note and it is able to bear the economic risk of such investment, (x) Investor has such knowledge and experience in financial and business matters that such individual is capable of utilizing the information made available in connection with the offering of the Securities, of evaluating the merits and risks of an investment in the Securities and of making an informed investment decision with respect to the Securities, (xi) neither Investor, nor any person or entity with whom such Investor shares beneficial ownership of the Securities, is subject to any of the “Bad Actor” disqualifications described in Rule 506(d)(1)(i) to (viii); (xii) Investor is aware that there is currently no public market for the Note, that there is no guarantee that a public market will develop at any time in the future and Investor understands that the Note is unregistered and may not presently be sold except in accordance with applicable securities laws, (xiii) Investor understands

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that the Note cannot be readily sold or liquidated in case of an emergency or other financial need, (xiv) Investor acknowledges and agrees that the Note must be held indefinitely unless it is subsequently registered under the 1934 Act or an exemption from such registration is available, and Investor has been advised or is aware of the provisions of Rule 144 promulgated under the 1934 Act as in effect from time to time, which permits limited resale of securities purchased in a private placement subject to the satisfaction of certain conditions, including, among other things: the availability of certain current public information about the Company and the resale occurring following the required holding period under Rule 144, (xv) Investor is not affiliated in any way with Unkar Systems, has no contractual or other relationship with Unkar Systems and receives no payments, kickbacks or other compensation of any kind from Unkar Systems, and (xvi) each instrument evidencing the Note which Investor may purchase hereunder and any other securities issued upon any conversion thereof (unless registered or no longer required in the opinion of the counsel for Company), as applicable, may be imprinted with legends substantially in the following form:

“THIS NOTE AND THE SECURITIES ISSUABLE UPON THE CONVERSION HEREOF HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “ACT”), OR UNDER THE SECURITIES LAWS OF ANY STATES IN THE UNITED STATES. THESE SECURITIES ARE SUBJECT TO RESTRICTIONS ON TRANSFERABILITY AND RESALE AND MAY NOT BE TRANSFERRED OR RESOLD EXCEPT AS PERMITTED UNDER THE ACT AND THE APPLICABLE STATE SECURITIES LAWS, PURSUANT TO REGISTRATION OR EXEMPTION THEREFROM.

THIS NOTE IS ISSUED WITH ORIGINAL ISSUE DISCOUNT FOR PURPOSES OF SECTION 1271 ET SEQ. OF THE INTERNAL REVENUE CODE OF 1986, AS AMENDED. PURSUANT TO TREASURY REGULATION SECTION 1.1275-3, A HOLDER MAY OBTAIN THE ISSUE PRICE, AMOUNT OF ORIGINAL ISSUE DISCOUNT, ISSUE DATE, AND YIELD TO MATURITY FOR THIS NOTE BY SUBMITTING A WRITTEN REQUEST FOR SUCH INFORMATION TO THE BORROWER AT THE FOLLOWING ADDRESS: 201 MISSION STREET, SUITE 2375, SAN FRANCISCO, CALIFORNIA 94105.”

Notwithstanding the foregoing representations and warranties, Company acknowledges and agrees that such representations and warranties do not affect Company’s obligations to repay the Note in full pursuant to the terms thereof.

3. Company’s Representations and Warranties. Company represents and warrants to Investor that as of the Effective Date: (i) Company is a corporation duly organized, validly existing and in good standing under the laws of its state of incorporation and has the requisite corporate power to own its properties and to carry on its business as now being conducted; (ii) Company is duly qualified as a foreign corporation to do business and is in good standing in each jurisdiction where the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified would not reasonably be expected to have a material adverse effect on Borrower’s business, assets, properties, operations or financial condition or its ability to perform its obligations hereunder (a “**Material Adverse Effect**”); (iii) Company has registered its Common Stock under Section 12(g) of the Securities Exchange Act of 1934, as amended (the “**1934 Act**”), and is obligated to file reports pursuant to Section 13 or Section 15(d) of the 1934 Act; (iv) each of the Transaction Documents and the transactions contemplated hereby and thereby, have been duly and validly authorized by Company and all necessary actions have been taken; (v) this Agreement, the Note, the Security Agreement, the Subordination Agreement and the other Transaction Documents have been duly executed and delivered by Company and constitute the valid and binding obligations of Company enforceable in

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accordance with their terms, except as enforceability may be limited by applicable bankruptcy, insolvency and similar laws affecting creditors’ rights and by general principles of equity; (vi) the execution and delivery of the Transaction Documents by Company, the issuance of Securities in accordance with the terms hereof, and the consummation by Company of the other transactions contemplated by the Transaction Documents do not and will not conflict with or result in a breach by Company of any of the terms or provisions of, or constitute a default under (a) Company’s formation documents or bylaws, each as currently in effect, (b) any indenture, mortgage, deed of trust, or other material agreement or instrument to which Company is a party or by which it or any of its properties or assets are bound, including, without limitation, any listing agreement for the Common Stock, except as would not reasonably be expected to have a Material Adverse Effect, or (c) any existing applicable law, rule, or regulation or any applicable decree, judgment, or order of any court, United States federal, state or foreign regulatory body, administrative agency, or other governmental body having jurisdiction over Company or any of Company’s properties or assets, except as would not reasonably be expected to have a Material Adverse Effect; (vii) no further authorization, approval or consent of any court, governmental body, regulatory agency, self-regulatory organization, or stock exchange or market or the stockholders or any lender of Company is required to be obtained by Company for the issuance of the Securities to Investor or the entering into of the Transaction Documents; (viii) none of Company’s filings with the SEC contained, at the time they were filed, any untrue statement of a material fact or omitted to state any material fact required to be stated therein or necessary to make the statements made therein, in light of the circumstances under which they were made, not materially misleading; (ix) within the 12 months immediately preceding the date hereof, Company has filed all reports, schedules, forms, statements and other documents required to be filed by Company with the SEC under the 1934 Act on a timely basis or has received a valid extension of such time of filing and has filed any such report, schedule, form, statement or other document prior to the expiration of any such extension; (x) there is no action, suit, proceeding, inquiry or investigation before or by any court, public board or body pending or, to the knowledge of Company, threatened against or affecting Company before or by any governmental authority or non-governmental department, commission, board, bureau, agency or instrumentality or any other person which would reasonably be expected to have a Material Adverse Effect; (xi) Company has not consummated any financing transaction that has not been disclosed in a periodic filing or current report with the SEC under the 1934 Act; (xii) Company is not, nor has it been at any time in the previous twelve (12) months, a “Shell Company,” as such type of “issuer” is described in Rule 144(i)(1) under the 1933 Act; (xiii) with respect to any commissions, placement agent or finder’s fees or similar payments that will or would become due and owing by Company to any person or entity as a result of this Agreement or the transactions contemplated hereby (“**Broker Fees**”), any such Broker Fees will be made in full compliance with all applicable laws and regulations and only to a person or entity that is a registered investment adviser or registered broker-dealer; (xiv) Investor shall have no obligation with respect to any Broker Fees or with respect to any claims made by

or on behalf of other persons for fees of a type contemplated in this subsection that may be due in connection with the transactions contemplated hereby and Company shall indemnify and hold harmless each of Investor, Investor's employees, officers, directors, stockholders, members, managers, agents, and partners, and their respective affiliates, from and against all claims, losses, damages, costs (including the costs of preparation and attorneys' fees) and expenses suffered in respect of any such claimed Broker Fees; (xv) when issued, the Conversion Shares will be duly authorized, validly issued, fully paid for and non-assessable, free and clear of all liens, claims, charges and encumbrances; (xvi) neither Investor nor any of its officers, directors, stockholders, members, managers, employees, agents or representatives has made any representations or warranties to Company or any of its officers, directors, employees, agents or representatives except as expressly set forth in the Transaction Documents and, in making its decision to enter into the transactions contemplated by the Transaction Documents, Company is not relying on any representation, warranty, covenant or promise of Investor or its officers, directors, members, managers, employees, agents or representatives other than as set forth in the Transaction Documents; (xvii) Company acknowledges that the State of Utah has a reasonable relationship and sufficient contacts to the transactions contemplated by the Transaction

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Documents and any dispute that may arise related thereto such that the laws and venue of the State of Utah, as set forth more specifically in Section 8.3 below, shall be applicable to the Transaction Documents and the transactions contemplated therein; and (xviii) Company has performed due diligence and background research on Investor and its affiliates including, without limitation, John M. Fife, and, to its satisfaction, has made inquiries with respect to all matters Company may consider relevant to the undertakings and relationships contemplated by the Transaction Documents including, among other things, the following: <http://investing.businessweek.com/research/stocks/people/person.asp?personId=7505107&ticker=UAHC>; SEC Civil Case No. 07-C-0347 (N.D. Ill.); SEC Civil Action No. 07-CV-347 (N.D. Ill.); and FINRA Case #2011029203701. Company, being aware of the matters described in subsection (xviii) above, acknowledges and agrees that such matters, or any similar matters, have no bearing on the transactions contemplated by the Transaction Documents and covenants and agrees it will not use any such information as a defense to performance of its obligations under the Transaction Documents or in any attempt to avoid, modify or reduce such obligations.

4. Company Covenants. Until all of Company's obligations (other than contingent and indemnification obligations) under all of the Transaction Documents are paid in full, or within the timeframes otherwise specifically set forth below, Company will at all times comply with the following covenants: (i) until the Securities are registered as contemplated in sub-clauses (vii) and (viii) below, so long as Investor beneficially owns any of the Securities and for at least twenty (20) Trading Days (as defined in the Note) thereafter, Company will timely file on the applicable deadline (including any extensions thereof) all reports required to be filed with the SEC pursuant to Sections 13 or 15(d) of the 1934 Act that would otherwise impact the availability of Rule 144 of the 1933 Act, and will take all reasonable action under its control to ensure that adequate current public information with respect to Company, as required in accordance with Rule 144 of the 1933 Act, is publicly available, and until a Fundamental Transaction (as defined in the Note) will not terminate its status as an issuer required to file reports under the 1934 Act even if the 1934 Act or the rules and regulations thereunder would permit such termination; (ii) until a Fundamental Transaction the Common Stock shall be listed or quoted for trading on any of (a) NYSE, (b) NASDAQ, (c) OTCQX, or (d) OTCQB; (iii) when issued, the Conversion Shares will be duly authorized, validly issued, fully paid for and non-assessable, free and clear of all liens, claims, charges and encumbrances except for applicable securities laws; (iv) until a Fundamental Transaction trading in Company's Common Stock will not be suspended, halted, chilled, frozen, reach zero bid or otherwise cease on Company's principal trading market; (v) Company will not make any Variable Security Issuance (as defined below) that generates gross cash proceeds to the Company of less than the lesser of \$1,000,000.00 and the then-current outstanding balance of the Note, without Investor's prior written consent, which consent may be granted or withheld in Investor's sole and absolute discretion; (vi) at Closing and on the first day of each calendar quarter for so long as the Note remains outstanding or on any other date during which the Note is outstanding, as may be requested by Investor, Company shall cause its Chief Executive Officer to provide to Investor a certificate in substantially the form attached hereto as Exhibit C (the "**Officer's Certificate**") certifying in her personal capacity and in her capacity as Chief Executive Officer of Company that Company's has not made any Variable Security Issuance in which Company received gross proceeds of less than the lesser of \$1,000,000.00 and the then-current outstanding balance of the Note without Investor's consent as of the date the applicable Officer's Certificate is executed; (vii) Company shall use commercially reasonable efforts to file, at its sole cost and expense, a Registration Statement on Form S-1 with the SEC to register at least 4,000,000 shares of Common Stock for the benefit of Investor (the "**Registration Statement**") on or before August 31, 2017; (viii) Company shall use commercially reasonable efforts to cause the Registration Statement to become effective within ninety (90) days of the date the Registration Statement is filed; (ix) Company will use all proceeds received hereunder as set forth in Section 1.6 above; (x) Company will not grant a security interest in any of its assets without Investor's prior written consent; and (xi) in the event Investor exercises its right to purchase the

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Purchased Debt (as defined in the Subordination Agreement) from Hercules pursuant to Section 4 of the Subordination Agreement, Company will repay Investor an amount equal to the purchase price paid by Investor to Hercules for the Purchased Debt plus, if the Purchased Debt is in default at the time of the purchase or goes into default subsequent to the purchase, a premium in the amount of 17.5% multiplied by the purchase price will be added to the outstanding balance of the Purchased Debt. For purposes hereof, the term "**Variable Security Issuance**" means any issuance of any Company securities that (A) have or may have conversion rights of any kind, contingent, conditional or otherwise, in which the number of shares that may be issued pursuant to such conversion right varies with the market price of the Common Stock, or (B) are or may become convertible into Common Stock (including without limitation convertible debt, warrants or convertible preferred stock), with a conversion price that varies with the market price of the Common Stock, even if such security only becomes convertible following an event of default, the passage of time, or another trigger event or condition. For avoidance of doubt, the issuance of shares of Common Stock under, pursuant to, in exchange for or in connection with any contract or instrument, whether convertible or not, is deemed a Variable Security Issuance for purposes hereof if the number of shares of Common Stock to be issued is based upon or related in any way to the market price of the Common Stock, including, but not limited to, Common Stock issued in connection with a Section 3(a)(9) exchange, a Section 3(a)(10) settlement, or any other similar settlement or exchange.

5. Conditions to Company's Obligation to Sell. The obligation of Company hereunder to issue and sell the Securities to Investor at the Closing is subject to the satisfaction, on or before the Closing Date, of each of the following conditions:

- 5.1. Investor shall have executed this Agreement and the Subordination Agreement and delivered the same to Company.
- 5.2. Investor shall have delivered the Purchase Price to Company in accordance with Section 1.2 above.

6. Conditions to Investor's Obligation to Purchase. The obligation of Investor hereunder to purchase the Securities at the Closing is subject to the satisfaction, on or before the Closing Date, of each of the following conditions, provided that these conditions are for Investor's sole benefit and may be

waived by Investor at any time in its sole discretion:

- 6.1. Company shall have executed this Agreement, the Note, the Security Agreement, the Subordination Agreement and delivered the same to Investor.
- 6.2. Company's Chief Executive Officer shall have executed the Officer's Certificate and delivered the same to Investor.
- 6.3. Hercules shall have executed that certain Subordination Agreement and Right to Purchase substantially in the form attached hereto as Exhibit D and delivered same to Investor.
- 6.4. Company shall have delivered to Investor a fully executed Irrevocable Letter of Instructions to Transfer Agent (the "**TA Letter**") substantially in the form attached hereto as Exhibit E acknowledged and agreed to in writing by Company's transfer agent (the "**Transfer Agent**").
- 6.5. Company shall have delivered to Investor a fully executed Secretary's Certificate substantially in the form attached hereto as Exhibit F evidencing Company's approval of the Transaction Documents.

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- 6.6. Company shall have delivered to Investor a fully executed Share Issuance Resolution substantially in the form attached hereto as Exhibit G to be delivered to the Transfer Agent.
 - 6.7. Company shall have delivered to Investor fully executed copies of all Transaction Documents required to be executed by Company herein or therein.

7. Reservation of Shares. On the date hereof, Company will reserve 5,387,500 shares of Common Stock from its authorized and unissued Common Stock to provide for all issuances of Common Stock under the Note (the "**Share Reserve**"). Company further agrees to add additional shares of Common Stock to the Share Reserve in increments of 1,000,000 shares as and when requested by Investor if as of the date of any such request the number of shares being held in the Share Reserve is less than two and a half (2.5) times the number of shares of Common Stock obtained by dividing the Outstanding Balance (as defined in the Note) as of the date of the request by the Conversion Price (as defined in the Note). Company shall further require the Transfer Agent to hold the shares of Common Stock reserved pursuant to the Share Reserve exclusively for the benefit of Investor and to issue such shares to Investor promptly upon Investor's delivery of a conversion notice under the Note.

8. Miscellaneous. The provisions set forth in this Section 8 shall apply to this Agreement, as well as all other Transaction Documents as if these terms were fully set forth therein; *provided, however*, that in the event there is a conflict between any provision set forth in this Section 8 and any provision in any other Transaction Document, the provision in such other Transaction Document shall govern.

8.1. Certain Capitalized Terms. To the extent any capitalized term used in any Transaction Document is defined in any other Transaction Document (as noted therein), such capitalized term shall remain applicable in the Transaction Document in which it is so used even if the other Transaction Document (wherein such term is defined) has been released, satisfied, or is otherwise cancelled or terminated.

8.2. Arbitration of Claims. The parties shall submit all claims, disputes and causes of action (each, a "**Claim**") arising under this Agreement or any other Transaction Document or any other agreement between the parties and their affiliates or any Claim relating to the relationship of the parties to binding arbitration pursuant to rules of the American Arbitration Association. Within seven (7) calendar days of initiation of arbitration by either party, Investor will provide a list of five (5) arbitrators that are designated as "neutrals" or qualified arbitrators by Utah ADR Services (<http://www.utahadrservices.com>) (such five (5) arbitrators, the "**Proposed Arbitrators**"). Within five (5) calendar days after Investor has submitted to Company the names of the Proposed Arbitrators, Company must select by written notice to Investor, one (1) of the Proposed Arbitrators to act as the arbitrator. If Company fails to select one of the Proposed Arbitrators in writing within such 5-day period, then Investor may select the arbitrator from the Proposed Arbitrators by providing written notice of such selection to Company. The arbitrator shall be instructed to complete and shall complete the arbitration within six (6) months of commencement and shall only allow limited discovery on issues directly related to the applicable Claims. The parties hereby acknowledge and agree that the arbitration provisions set forth in this Section 8.2 (the "**Arbitration Provisions**") are unconditionally binding on the parties hereto and are severable from all other provisions of this Agreement. By executing this Agreement, Company represents, warrants and covenants that Company has reviewed the Arbitration Provisions carefully, consulted with legal counsel about such provisions (or waived its right to do so), understands that the Arbitration Provisions are intended to allow for the expeditious and efficient resolution of any dispute hereunder, agrees to the terms and limitations set forth in the Arbitration Provisions, and that Company will not take a position contrary to the foregoing representations. Company acknowledges and agrees that Investor may rely upon the foregoing representations and covenants of Company regarding the Arbitration Provisions.

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8.3. Governing Law; Venue. This Agreement shall be construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Agreement shall be governed by, the internal laws of the State of Utah, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of Utah or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of Utah. Each party consents to and expressly agrees that exclusive venue for arbitration of any dispute arising out of or relating to any Transaction Document or the relationship of the parties or their affiliates shall be in Salt Lake County, Utah. Without modifying the parties obligations to resolve disputes hereunder pursuant to the Arbitration Provisions, for any litigation arising in connection with any of the Transaction Documents (and notwithstanding the terms (specifically including any governing law and venue terms) of any transfer agent services agreement or other agreement between the Transfer Agent and Company, such litigation specifically includes, without limitation any action between or involving Company and the Transfer Agent under the TA Letter or otherwise related to Investor in any way (specifically including, without limitation, any action where Company seeks to obtain an injunction, temporary restraining order, or otherwise prohibit the Transfer Agent from issuing shares of Common Stock to Investor for any reason)), each party hereto hereby (i) consents to and expressly submits to the exclusive personal jurisdiction of any state or federal court sitting in Salt Lake County, Utah, (ii) expressly submits to the exclusive venue of any such court for the purposes hereof, (iii) agrees to not bring any such action (specifically including, without limitation, any action where Company seeks to obtain an injunction, temporary restraining order, or otherwise prohibit the Transfer Agent from issuing shares of Common Stock to Investor for any reason) outside of any state or federal court sitting in Salt Lake County, Utah, and (iv) waives any

claim of improper venue and any claim or objection that such courts are an inconvenient forum or any other claim, defense or objection to the bringing of any such proceeding in such jurisdiction or to any claim that such venue of the suit, action or proceeding is improper. Finally, Company covenants and agrees to name Investor as a party in interest in, and provide written notice to Investor in accordance with Section 8.13 below prior to bringing or filing, any action (including without limitation any filing or action against any person or entity that is not a party to this Agreement, including without limitation the Transfer Agent) that is related in any way to the Transaction Documents or any transaction contemplated herein or therein, including without limitation any action brought by Company to enjoin or prevent the issuance of any shares of Common Stock to Investor by the Transfer Agent, and further agrees to timely name Investor as a party to any such action. Company acknowledges that the governing law and venue provisions set forth in this Section 8.3 are material terms to induce Investor to enter into the Transaction Documents and that but for Company's agreements set forth in this Section 8.3 Investor would not have entered into the Transaction Documents.

8.4. Specific Performance. Company acknowledges and agrees that irreparable damage may occur to Investor in the event that Company fails to perform any material provision of this Agreement or any of the other Transaction Documents in accordance with its specific terms. It is accordingly agreed that Investor shall be entitled to an injunction or injunctions to prevent or cure breaches of the provisions of this Agreement or such other Transaction Document and to enforce specifically the terms and provisions hereof or thereof, this being in addition to any other remedy to which the Investor may be entitled under the Transaction Documents, at law or in equity. For the avoidance of doubt, in the event Investor seeks to obtain an injunction against Company or specific performance of any provision of any Transaction Document, such action shall not be a waiver of any right of Investor under any Transaction Document, at law, or in equity, including without limitation its rights to arbitrate any Claim pursuant to the terms of the Transaction Documents.

8.5. Calculation Disputes. Notwithstanding the Arbitration Provisions, in the case of a dispute as to any determination or arithmetic calculation under the Transaction Documents, including without limitation, calculating the Outstanding Balance, Lender Conversion Shares (as defined in the Note), Conversion Price or Redemption Conversion Shares (as defined in the Note) (each, a

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“**Calculation**”), Company or Investor (as the case may be) shall submit any disputed Calculation via email or facsimile with confirmation of receipt (i) within two (2) Trading Days after receipt of the applicable notice giving rise to such dispute to Company or Investor (as the case may be) or (ii) if no notice gave rise to such dispute, at any time after Investor learned of the circumstances giving rise to such dispute. If Investor and Company are unable to agree upon such Calculation within two (2) Trading Days of such disputed Calculation being submitted to Company or Investor (as the case may be), then Investor will promptly submit via email or facsimile the disputed Calculation to Unkar Systems Inc. (“**Unkar Systems**”). Investor shall cause Unkar Systems to perform the Calculation and notify Company and Investor of the results no later than ten (10) Trading Days from the time it receives such disputed Calculation. Unkar Systems' determination of the disputed Calculation shall be binding upon all parties absent demonstrable error. Unkar Systems' fee for performing such Calculation shall be paid by the incorrect party, or if both parties are incorrect, by the party whose Calculation is furthest from the correct Calculation as determined by Unkar Systems. In the event Company is the losing party, no extension of the Delivery Date (as defined in the Note) shall be granted and Company shall incur all effects for failing to deliver the applicable shares in a timely manner as set forth in the Transaction Documents. Notwithstanding the foregoing, Investor may, with the agreement of the Company, designate an independent, reputable investment bank or accounting firm other than Unkar Systems to resolve any such dispute and in such event, all references to “Unkar Systems” herein will be replaced with references to such independent, reputable investment bank or accounting firm so designated by Investor if agreed to by Company.

8.6. Counterparts. Each Transaction Document may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute one instrument. The parties hereto confirm that any electronic copy of another party's executed counterpart of a Transaction Document (or such party's signature page thereof) will be deemed to be an executed original thereof.

8.7. Document Imaging. Investor shall be entitled, in its sole discretion, to image or make copies of all or any selection of the agreements, instruments, documents, and items and records governing, arising from or relating to any of Company's loans, including, without limitation, this Agreement and the other Transaction Documents, and Investor may destroy or archive the paper originals. The parties hereto (i) waive any right to insist or require that Investor produce paper originals, (ii) agree that such images shall be accorded the same force and effect as the paper originals, (iii) agree that Investor is entitled to use such images in lieu of destroyed or archived originals for any purpose, including as admissible evidence in any demand, presentment or other proceedings, and (iv) further agree that any executed facsimile (faxed), scanned, emailed, or other imaged copy of this Agreement or any other Transaction Document shall be deemed to be of the same force and effect as the original manually executed document.

8.8. Headings. The headings of this Agreement are for convenience of reference only and shall not form part of, or affect the interpretation of, this Agreement.

8.9. Severability. In the event that any provision of this Agreement is invalid or unenforceable under any applicable statute or rule of law, then such provision shall be deemed inoperative to the extent that it may conflict therewith and shall be deemed modified to conform to such statute or rule of law. Any provision hereof which may prove invalid or unenforceable under any law shall not affect the validity or enforceability of any other provision hereof.

8.10. Entire Agreement. This Agreement, together with the other Transaction Documents, contains the entire understanding of the parties with respect to the matters covered herein and therein and, except as specifically set forth herein or therein, neither Company nor Investor makes any

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representation, warranty, covenant or undertaking with respect to such matters. For the avoidance of doubt, all prior term sheets or other documents between Company and Investor, or any affiliate thereof, related to the transactions contemplated by the Transaction Documents (collectively, “**Prior Agreements**”), that may have been entered into between Company and Investor, or any affiliate thereof, are hereby null and void and deemed to be replaced in their entirety by the Transaction Documents. To the extent there is a conflict between any term set forth in any Prior Agreement and the term(s) of the Transaction Documents, the Transaction Documents shall govern.

8.11. No Reliance. Company acknowledges and agrees that neither Investor nor any of its officers, directors, members, managers, representatives or agents has made any representations or warranties to Company or any of its officers, directors, representatives, agents or employees except as expressly set forth in the Transaction Documents and, in making its decision to enter into the transactions contemplated by the Transaction Documents,

Company is not relying on any representation, warranty, covenant or promise of Investor or its officers, directors, members, managers, agents or representatives other than as set forth in the Transaction Documents.

8.12. Amendments. No provision of this Agreement may be waived or amended other than by an instrument in writing signed by both parties hereto.

8.13. Notices. Any notice required or permitted hereunder shall be given in writing (unless otherwise specified herein) and shall be deemed effectively given on the earliest of: (i) the date delivered, if delivered by personal delivery as against written receipt therefor or by email to an executive officer, or by facsimile (with successful transmission confirmation), (ii) the earlier of the date delivered or the third Trading Day after deposit, postage prepaid, in the United States Postal Service by certified mail, or (iii) the earlier of the date delivered or the third Trading Day after mailing by express courier, with delivery costs and fees prepaid, in each case, addressed to each of the other parties thereunto entitled at the following addresses (or at such other addresses as such party may designate by five (5) calendar days' advance written notice similarly given to each of the other parties hereto):

If to Company:

Jaguar Animal Health, Inc.
Attn: Lisa A. Conte
201 Mission Street, Suite 2375
San Francisco, CA 94105

With a copy to (which copy shall not constitute notice):

Reed Smith LLP
Attn: Don Reinke
1510 Page Mill Road, Suite 110
Palo Alto, CA, 94304

If to Investor:

Chicago Venture Partners, L.P.
Attn: John Fife
303 East Wacker Drive, Suite 1040
Chicago, Illinois 60601

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With a copy to (which copy shall not constitute notice):

Hansen Black Anderson Ashcraft PLLC
Attn: Jonathan Hansen
3051 West Maple Loop Drive, Suite 325
Lehi, Utah 84043

8.14. Successors and Assigns. This Agreement or any of the severable rights and obligations inuring to the benefit of or to be performed by Investor hereunder may be assigned by Investor to a third party, including its affiliates, in whole or in part, without the need to obtain Company's consent thereto. Company may not assign its rights or obligations under this Agreement or delegate its duties hereunder without the prior written consent of Investor.

8.15. Survival. The representations and warranties of Company and the agreements and covenants set forth in this Agreement shall survive the Closing hereunder notwithstanding any due diligence investigation conducted by or on behalf of Investor. Company agrees to indemnify and hold harmless Investor and all its officers, directors, employees, attorneys, and agents for loss or damage arising as a result of or related to any breach or alleged breach by Company of any of its representations, warranties and covenants set forth in this Agreement or any of its covenants and obligations under this Agreement, including advancement of expenses as they are incurred.

8.16. Further Assurances. Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as the other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

8.17. Investor's Rights and Remedies Cumulative; Liquidated Damages. All rights, remedies, and powers conferred in this Agreement and the Transaction Documents are cumulative and not exclusive of any other rights or remedies, and shall be in addition to every other right, power, and remedy that Investor may have, whether specifically granted in this Agreement or any other Transaction Document, or existing at law, in equity, or by statute, and any and all such rights and remedies may be exercised from time to time and as often and in such order as Investor may deem expedient. The parties acknowledge and agree that upon Company's failure to comply with the provisions of the Transaction Documents, Investor's damages would be uncertain and difficult (if not impossible) to accurately estimate because of the parties' inability to predict future interest rates and future share prices, Investor's increased risk, and the uncertainty of the availability of a suitable substitute investment opportunity for Investor, among other reasons. Accordingly, any fees, charges, and default interest due under the Note and the other Transaction Documents are intended by the parties to be, and shall be deemed, liquidated damages (under Company's and Investor's expectations that any such liquidated damages will tack back to the Closing Date for purposes of determining the holding period under Rule 144 under the 1933 Act). The parties agree that such liquidated damages are a reasonable estimate of Investor's actual damages and not a penalty, and shall not be deemed in any way to limit any other right or remedy Investor may have hereunder, at law or in equity. The parties acknowledge and agree that under the circumstances existing at the time this Agreement is entered into, such liquidated damages are fair and reasonable and are not penalties. All fees, charges, and default interest provided for in the Transaction Documents are agreed to by the parties to be based upon the obligations and the risks assumed by the parties as of the Closing Date and are consistent with investments of this type. The liquidated damages provisions of the Transaction Documents shall not limit or preclude a party from pursuing any other remedy available at law or in equity; *provided, however*, that the liquidated damages provided for in the Transaction Documents are intended to be in lieu of actual damages.

8.18. Ownership Limitation. Notwithstanding anything to the contrary contained in this Agreement or the other Transaction Documents, if at any time Investor would be issued shares of Common Stock under any of the Transaction Documents, but such issuance would cause Investor (together with its affiliates) to beneficially own a number of shares exceeding the Maximum Percentage (as defined in the Note), then Company must not issue to Investor the shares that would cause Investor to exceed the Maximum Percentage. The shares of Common Stock issuable to Investor that would cause the Maximum Percentage to be exceeded are referred to herein as the “**Ownership Limitation Shares**”. Company shall reserve the Ownership Limitation Shares for the exclusive benefit of Investor. From time to time, Investor may notify Company in writing of the number of the Ownership Limitation Shares that may be issued to Investor without causing Investor to exceed the Maximum Percentage. Upon receipt of such notice, Company shall be unconditionally obligated to immediately issue such designated shares to Investor, with a corresponding reduction in the number of the Ownership Limitation Shares. For purposes of this Section, beneficial ownership of Common Stock will be determined under Section 13(d) of the 1934 Act.

8.19. Attorneys’ Fees and Cost of Collection. In the event of any arbitration or action at law or in equity to enforce or interpret the terms of this Agreement or any of the other Transaction Documents, the parties agree that the party who is awarded the most money (which, for the avoidance of doubt, shall be determined without regard to any statutory fines, penalties, fees, or other charges awarded to any party) shall be deemed the prevailing party for all purposes and shall therefore be entitled to an additional award of the full amount of the reasonable and documented out-of-pocket attorneys’ fees, deposition costs, and expenses paid by such prevailing party in connection with arbitration or litigation without reduction or apportionment based upon the individual claims or defenses giving rise to the fees and expenses. Nothing herein shall restrict or impair an arbitrator’s or a court’s power to award fees and expenses for frivolous or bad faith pleading. If (i) the Note is placed in the hands of an attorney for collection or enforcement prior to commencing arbitration or legal proceedings, or is collected or enforced through any arbitration or legal proceeding, or Investor otherwise takes action to collect amounts due under the Note or to enforce the provisions of the Note, or (ii) there occurs any bankruptcy, reorganization, receivership of Company or other proceedings affecting Company’s creditors’ rights and involving a claim under the Note; then Company shall pay the costs incurred by Investor for such collection, enforcement or action or in connection with such bankruptcy, reorganization, receivership or other proceeding, including, without limitation, attorneys’ fees, expenses, deposition costs, and disbursements.

8.20. Waiver. No waiver of any provision of this Agreement shall be effective unless it is in the form of a writing signed by the party granting the waiver. No waiver of any provision or consent to any prohibited action shall constitute a waiver of any other provision or consent to any other prohibited action, whether or not similar. No waiver or consent shall constitute a continuing waiver or consent or commit a party to provide a waiver or consent in the future except to the extent specifically set forth in writing.

8.21. Waiver of Jury Trial. EACH PARTY TO THIS AGREEMENT IRREVOCABLY WAIVES ANY AND ALL RIGHTS SUCH PARTY MAY HAVE TO DEMAND THAT ANY ACTION, PROCEEDING OR COUNTERCLAIM ARISING OUT OF OR IN ANY WAY RELATED TO THIS AGREEMENT, ANY OTHER TRANSACTION DOCUMENT, OR THE RELATIONSHIPS OF THE PARTIES HERETO BE TRIED BY JURY. THIS WAIVER EXTENDS TO ANY AND ALL RIGHTS TO DEMAND A TRIAL BY JURY ARISING UNDER COMMON LAW OR ANY APPLICABLE STATUTE, LAW, RULE OR REGULATION. FURTHER, EACH PARTY HERETO ACKNOWLEDGES THAT SUCH

PARTY IS KNOWINGLY AND VOLUNTARILY WAIVING SUCH PARTY’S RIGHT TO DEMAND TRIAL BY JURY.

8.22. Time is of the Essence. Time is expressly made of the essence with respect to each and every provision of this Agreement and the other Transaction Documents.

8.23. Voluntary Agreement. Company has carefully read this Agreement and each of the other Transaction Documents and has asked any questions needed for Company to understand the terms, consequences and binding effect of this Agreement and each of the other Transaction Documents and fully understand them. Company has had the opportunity to seek the advice of an attorney of Company’s choosing, or has waived the right to do so, and is executing this Agreement and each of the other Transaction Documents voluntarily and without any duress or undue influence by Investor or anyone else.

[Remainder of page intentionally left blank; signature page follows]

IN WITNESS WHEREOF, the undersigned Investor and Company have caused this Agreement to be duly executed as of the date first above written.

SUBSCRIPTION AMOUNT:

Principal Amount of Note: \$2,155,000.00

Purchase Price: \$1,700,000.00

INVESTOR:

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C.,
its General Partner

By: CVM, Inc., its Manager

By: /s/ John M. Fife
John M. Fife, President

COMPANY:

JAGUAR ANIMAL HEALTH, INC.

By: /s/ Lisa A. Conte
Printed Name: Lisa A. Conte
Title: President and CEO

[Signature Page to Securities Purchase Agreement]

SUBORDINATION AGREEMENT AND RIGHT TO PURCHASE DEBT

This Subordination Agreement and Right to Purchase Debt (this "Agreement") is made as of June 29, 2017 by and among CHICAGO VENTURE PARTNERS, L.P., a Utah limited partnership ("Creditor"), JAGUAR ANIMAL HEALTH, INC., a Delaware corporation ("Borrower"), and HERCULES CAPITAL, INC. (*f/k/a Hercules Technology Growth Capital, Inc.*), a Maryland corporation ("Agent"), in its capacity as administrative agent for itself and the Lender (as defined in the Loan Agreement (as defined below)).

Recitals

A. Borrower has requested and/or obtained certain loans or other credit accommodations from Lender which are or may be from time to time secured by assets and property of Borrower pursuant to the terms of that certain Loan and Security Agreement dated August 18, 2015 by and among Borrower, Agent and Lender, as amended by the First Amendment thereto, dated April 21, 2016, and as further amended by the Second Amendment thereto, dated March 31, 2017 (as amended, the "Loan Agreement").

B. Creditor has extended loans or other credit accommodations to Borrower, and/or may extend loans or other credit accommodations to Borrower from time to time, subject to the terms of the Loan Agreement.

C. Subject to the terms and conditions of this Agreement, Creditor is willing to subordinate: (i) all of Borrower's indebtedness and obligations to Creditor, whether presently existing or arising in the future (the "Subordinated Debt"), to all of Borrower's indebtedness and obligations to Agent and Lender; and (ii) all of Creditor's security interests, if any, in Borrower's property, to all of the Agent's security interests in the Borrower's property.

D. As further consideration for Agent's execution and delivery of this Agreement, Borrower makes the further agreements and acknowledgments set forth in Section 11 hereof.

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. Creditor subordinates to Agent any security interest or lien that Creditor may have in any property of Borrower. Notwithstanding the respective dates of attachment or perfection of the security interest of Creditor and the security interest of Agent, the security interest of Agent in the Collateral, as defined in the Loan Agreement, shall at all times be prior to the security interest of Creditor. Capitalized terms not otherwise defined herein shall have the same meaning as in the Loan Agreement.
2. All Subordinated Debt is subordinated in right of payment to all obligations of Borrower to Agent and Lender now existing or hereafter arising, together with all costs of collecting such obligations (including attorneys' fees), including, without limitation, all interest accruing after the commencement by or against Borrower of any Bankruptcy, reorganization or similar proceeding, and all obligations under the Loan Agreement (the "Senior Debt").
3. Creditor will not demand or receive from Borrower (and Borrower will not pay to Creditor) all or any part of the Subordinated Debt (other than by the conversion of all or part of the Subordinated Debt into Borrower's common stock in accordance with the terms of any notes evidencing the Subordinated Debt), by way of payment, prepayment, setoff, lawsuit or otherwise, nor will Creditor exercise any remedy with respect to the Collateral, nor will Creditor commence, or cause to commence, prosecute or participate in any administrative, legal or equitable action against Borrower (other than an action solely for specific performance to compel Borrower, following Borrower's uncured material breach, to deliver shares of its common stock to Creditor in accordance with the terms of any notes evidencing the Subordinated Debt), for so long as any portion of the Senior Debt remains outstanding, provided, however (and notwithstanding anything to the contrary herein) that Creditor may convert any part of the Subordinated Debt, including any fees payable with respect thereto, into common stock of Borrower in accordance with the terms of any notes evidencing such Subordinated Debt.

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4. In consideration for Creditor's subordination agreements with respect to the Subordinated Debt made pursuant to this Agreement and the payment made by Borrower to Agent from the proceeds received by Borrower from the Subordinated Debt, Agent hereby grants to Creditor the right to purchase the Senior Debt and all related transaction documents and security interests (the "Purchased Debt") at any time for an amount equal to the full value of Borrower's obligations under the Purchased Debt, including principal, interest, fees (including a further end of term charge of \$40,000 if the obligations under the Loan Agreement are not paid in full within 90 days of the date hereof), accrued expenses and other costs owed by Borrower to Agent, including attorney's fees, pursuant to the Loan Agreement, as it may be amended (such amount, the "Purchase Price", and such right, the "Purchase Right"). Creditor may exercise the Purchase Right by delivering written notice to each of Agent and Borrower in accordance with the provisions of Section 11.2 (*Notice*) of the Loan Agreement. Agent and Creditor covenant and agree: (i) to proceed in good faith to document the purchase and assignment of the Purchased Debt in a timely manner following receipt of written notice from Creditor of its exercise of the Purchase Right, it being agreed that the Purchased Debt (and related loan documents) shall be acquired by Creditor on an "as-is" basis; and (ii) to execute and deliver all such other agreements, certificates, instruments and documents, as reasonably required in order to carry out the purchase and assignment of the Purchased Debt and the transfer of all related security interests from Agent to Creditor. Borrower hereby confirms, acknowledges and agrees that (x) the sale of the Purchased Debt to the Creditor is an assignment permitted under Section 11.7 of the Loan Agreement; (y) Borrower's consent is not required for the purchase and assignment of the Purchased Debt to Creditor; and (z) Borrower shall do and perform, or cause to be done and performed, all such further acts and things, and execute and deliver all such other agreements, certificates, instruments and documents as either Agent or Creditor may reasonably request in order to carry out the purchase and assignment of the Purchased Debt and the transfer of all related security interests from Agent to Creditor. Agent further covenants and agrees not to sell, transfer, assign, pledge or hypothecate the Purchased Debt to any third party unless such third party agrees to take the Purchased Debt subject to the terms and conditions of this Agreement.

5. Creditor shall promptly deliver to Agent in the form received (except for endorsement or assignment by Creditor where required by Agent) for application to the Senior Debt any payment, distribution, security or proceeds received by Creditor with respect to the Subordinated Debt (i) other than any shares of Borrower common stock received by Creditor upon conversion of all or part of the Subordinated Debt in accordance with the terms of any notes evidencing the Subordinated Debt and (ii) other than in accordance with this Agreement.

6. In the event of Borrower's insolvency, reorganization or any case or proceeding under any Bankruptcy or insolvency law or laws relating to the relief of debtors, these provisions shall remain in full force and effect, and Agent's and Lender's claims against Borrower shall be paid in full before any cash payment is made to any Creditor.

7. For so long as any of the Senior Debt remains unpaid, Creditor irrevocably appoints Agent as Creditor's attorney-in-fact, and grants to Agent a power of attorney with full power of substitution, in the name of Creditor or in the name of Agent, for the use and benefit of Agent, without notice to Creditor, to perform at Agent's option the following acts in any Bankruptcy, insolvency or similar proceeding involving Borrower:

(i) To file the appropriate claim or claims in respect of the Subordinated Debt on behalf of Creditor if Creditor does not do so prior to 15 days before the expiration of the time to file claims in such proceeding and if Agent elects, in its sole discretion, to file such claim or claims; and

(ii) To accept or reject any plan of reorganization or arrangement on behalf of Creditor and to otherwise vote Creditor's claims in respect of any Subordinated Debt in any manner that Agent deems appropriate for the enforcement of its rights hereunder.

8. In the event of Borrower's insolvency, reorganization or any case or proceeding, arrangement or transaction under any federal or state bankruptcy or insolvency law or similar laws or proceedings involving the Borrower, for so long as any of the Senior Debt remains unpaid, if the Agent, the

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Lender or any of them shall seek to provide the Borrower or any other Loan Party with any financing under Section 364 of the Bankruptcy Code, or Agent or Lender support or consent to such financing provided by a third party, or consent to any order for the use of cash collateral under Section 363 of the Bankruptcy Code (each, a "DIP Financing" or "Cash Collateral Use"), with such DIP Financing or Cash Collateral Use to be secured by all or any portion of the Collateral (including assets that, but for the application of Section 552 of the Bankruptcy Code (or any similar provision of any foreign laws relating to the relief of debtors) would be Collateral), then Creditor agrees that it will raise no objection and will not support, directly or indirectly, any objection to such DIP Financing or Cash Collateral Use nor object to the liens or claims granted in connection therewith on any grounds, including a failure to provide "adequate protection" for the liens, if any, securing any Subordinated Debt (and will not request any adequate protection as a result of such DIP Financing or Cash Collateral Use, and will not support any debtor-in-possession financing or Cash Collateral Use which would compete with such DIP Financing or Cash Collateral Use which is provided to or consented to by Agent or Lender). In addition, Creditor agrees that it will not provide nor seek to provide or support any debtor-in-possession financing without the prior written consent of the Agent.

9. Creditor shall immediately affix a legend to the instruments evidencing the Subordinated Debt stating that the instruments are subject to the terms of this Agreement. No amendment of the documents evidencing or relating to the Subordinated Debt shall directly or indirectly modify the provisions of this Agreement in any manner which might terminate or impair the subordination of the Subordinated Debt or the subordination of the security interest or lien that Creditor may have in any property of Borrower. In addition, such instruments shall not be amended to (i) increase the rate of interest with respect to the Subordinated Debt, or (ii) accelerate the payment of the principal or interest or any other portion of the Subordinated Debt.

10. This Agreement shall remain effective for so long as Agent or Lender has any obligation to make credit extensions to Borrower or Borrower owes any amounts to Agent or Lender under the Loan Agreement. If, at any time after payment in full of the Senior Debt any payments of the Senior Debt must be disgorged by Agent or Lender for any reason (including, without limitation, the Bankruptcy of Borrower), this Agreement and the relative rights and priorities set forth herein shall be reinstated as to all such disgorged payments as though such payments had not been made and Creditor shall immediately pay over to Agent all payments received with respect to the Subordinated Debt to the extent that such payments would have been prohibited hereunder. At any time and from time to time, without notice to Creditors, Agent or Lender may take such actions with respect to the Senior Debt as Agent and Lender, respectively, in its sole discretion, may deem appropriate, including, without limitation, terminating advances to Borrower, increasing the principal amount in connection with any DIP Financing, extending the time of payment, increasing applicable interest rates, renewing, compromising or otherwise amending the terms of any documents affecting the Senior Debt and any collateral securing the Senior Debt, and enforcing or failing to enforce any rights against Borrower or any other person. Notwithstanding the foregoing, the Senior Debt may not be amended to increase the principal amount of the Senior Debt without Creditor's consent; provided that such consent shall not be required if the principal amount is increased in connection with a DIP Financing. No such action or inaction shall impair or otherwise affect Agent's or Lender's rights hereunder.

11. Borrower hereby agrees with Agent as follows: (a) this Agreement shall constitute a "Loan Document" for all purposes under the Loan Agreement (including, without limitation, Section 9.2 of the Loan Agreement); (b) \$1,000,000 of the proceeds from the Subordinated Debt shall be used by Borrower to prepay an equal amount of the principal outstanding under the Loan Agreement within two business days following the Amendment Effective Date (as defined below); and (c) Borrower shall use good faith efforts to agree with Agent to a binding, definitive amendment agreement reflecting the terms set forth in Exhibit A on or before July 7, 2017 (the "Amendment Effective Date").

12. This Agreement shall bind any successors or assignees of Creditor and shall benefit any successors or assigns of Agent. This Agreement is solely for the benefit of Creditor, Agent and Lender and not for the benefit of Borrower or any other party. Creditor further agrees that if Borrower is in the process of refinancing a portion of the Senior Debt with a new lender, and if Agent makes a request of Creditor,

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Creditor shall agree to enter into a new subordination agreement with the new lender on substantially the terms and conditions of this Agreement.

13. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute one instrument.

14. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of California, without regard to principles of conflicts of law. Jurisdiction shall lie in the State of California. THE UNDERSIGNED ACKNOWLEDGE THAT THE RIGHT TO TRIAL BY JURY IS A CONSTITUTIONAL ONE, BUT THAT IT MAY BE WAIVED UNDER CERTAIN CIRCUMSTANCES. TO THE EXTENT PERMITTED BY LAW, EACH PARTY, AFTER CONSULTING (OR HAVING HAD THE OPPORTUNITY TO CONSULT) WITH COUNSEL OF ITS, HIS OR HER CHOICE, KNOWINGLY AND VOLUNTARILY, AND FOR THE MUTUAL BENEFIT OF ALL PARTIES, WAIVES ANY RIGHT TO TRIAL BY JURY IN THE EVENT OF LITIGATION ARISING OUT OF OR RELATED TO THIS AGREEMENT OR ANY OTHER DOCUMENT, INSTRUMENT OR

AGREEMENT BETWEEN THE UNDERSIGNED PARTIES. If the jury waiver set forth in this Section is not enforceable, then any dispute, controversy or claim arising out of or relating to this Agreement or any of the transactions contemplated herein shall be resolved by judicial reference pursuant to Code of Civil Procedure Section 638 et seq before a mutually acceptable referee or, if none is selected, then a referee chosen by the Presiding Judge of the California Superior Court for Santa Clara County, provided this provision shall not restrict any party from seeking to enforce any prejudgment remedies.

15. This Agreement represents the entire agreement with respect to the subject matter hereof, and supersedes all prior negotiations, agreements and commitments. No Creditor is relying on any representations by Agent, Lender or Borrower in entering into this Agreement, and Creditor has kept and will continue to keep itself fully apprised of the financial and other condition of Borrower. This Agreement may be amended only by written instrument signed by Creditor and Agent.

16. In the event of any legal action to enforce the rights of a party under this Agreement, the party prevailing in such action shall be entitled, in addition to such other relief as may be granted, all reasonable costs and expenses, including reasonable attorneys' fees, incurred in such action.

[Remainder of page intentionally left blank; signature page follows]

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IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date first above written.

“Agent”

HERCULES CAPITAL, INC.

By: /s/ Zhuo Huang

Name: Zhuo Huang

Title: Associate General Counsel

“Borrower”

JAGUAR ANIMAL HEALTH, INC.

By: /s/ Lisa A. Conte

Name: Lisa A. Conte

Title: President and CEO

[CREDITOR SIGNATURE PAGES FOLLOW]

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“Creditor”

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C.,
its General Partner

By: CVM, Inc., its Manager

By: /s/ John M. Fife
John M. Fife, President

EXHIBIT A

(see attachment)



Via e-mail: lconte@jaguaranimalhealth.com

June 26, 2017

Lisa Conte
Chief Executive Officer
Jaguar Animal Health Inc.
201 Mission St #2375,
San Francisco, CA 94105

Dear Lisa:

Based on our recent discussions, and the information provided to us by Jaguar Animal Health, Inc. ("Jaguar"), we are proposing to make the following changes to the Loan & Security Agreement (and existing amendments) between Hercules Capital Inc. ("Hercules") and Jaguar.

1. Hercules consents to Chicago Venture Partners ("CVP") providing a \$1.7M unsecured loan ("CVP Loan") to Jaguar, subject to executing the Subordination Agreement with Hercules. Jaguar agrees that no changes can be made to the terms of CVP Loan without Hercules consent Jaguar can make changes to the pricing terms only for stock payments to CVP. For avoidance of doubt, no changes can be made to cash payment terms for the CVP Loan without Hercules consent.
2. Hercules agrees to amend the L&SA subject to the following conditions:
 - i) Funding of the \$1.7M CVP Loan.
 - ii) \$1M principal paydown of Hercules loan before July 31, 2017.

Subject to the above conditions, Hercules agrees to amend the L&SA such that:

- The minimum cash requirement would change from \$1.5M to \$500k, i.e., Jaguar would need to maintain at least \$500k in cash balance in accounts over which Hercules has an Account Control Agreement. The minimum cash requirements will reduce by the amount of principal payment made each month (see related point below).
- Jaguar would make interest only payments for the months of August, September and October 2017. Hercules loan would start to amortize on Nov 1, 2017, with no changes to the loan maturity date, i.e., Aug 1, 2018.
- If Hercules loan is not paid off in full within 90 days of the merger consummation between Napa and Jaguar, an additional End of Term Charge

400 Hamilton Ave, Suite 310
Palo Alto, CA 94301
650- 289-3065 (Direct)
650-473-9194 (Fax)

of \$40,000 will become due to Hercules, at the earlier of payoff of maturity of the Hercules loan.

The proposed terms and conditions are provided for discussion purposes only and do not represent an agreement. The actual terms and conditions are subject to satisfactory completion of review of documentation and such other terms and conditions as may be determined by Lender and which would be contained in definitive legal documents for the loan amendment contemplated hereby.

Sincerely,

/s/ Himani Bhalla

Himani Bhalla
Principal, Life Sciences
Hercules Capital, Inc.

AGREED AND ACCEPTED this 26 day of June, 2017

Jaguar Animal Health Inc.

By: /s/ Lisa A. Conte

Name: Lisa A. Conte

Title: President and CEO

The information contained herein is confidential and may not be released by you or your representative in written or verbal form without the prior written consent of the Lender.

SECURITY AGREEMENT

THIS SECURITY AGREEMENT (this “**Agreement**”), dated as of June 29, 2017, is executed by Jaguar Animal Health, Inc., a Delaware corporation (“**Debtor**”), in favor of Chicago Venture Partners, L.P., a Utah limited partnership (“**Secured Party**”).

A. Debtor has issued to Secured Party a certain Secured Convertible Promissory Note of even date herewith, as may be amended from time to time, in the original face amount of \$2,155,000.00 (the “**Note**”).

B. In order to induce Secured Party to extend the credit evidenced by the Note, Debtor has agreed to enter into this Agreement and to grant Secured Party a security interest in the Collateral (as defined below).

NOW, THEREFORE, in consideration of the above recitals and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Debtor hereby agrees with Secured Party as follows:

1. Definitions and Interpretation. When used in this Agreement, the following terms have the following respective meanings:

“**Collateral**” has the meaning given to that term in Section 2 hereof.

“**Effective Date**” means the date on which Secured Party: (a) purchases the Hercules Debt from Hercules pursuant to the purchase option set forth in Section 4 of the Subordination Agreement; or (b) Debtor repays the Hercules Debt in full.

“**Hercules**” means Hercules Technology Growth Capital, Inc., a Maryland corporation.

“**Hercules Debt**” means all amounts owing to Hercules pursuant to the Hercules Loan Agreement and all other related documentation.

“**Hercules Loan Agreement**” means that certain Loan and Security Agreement dated August 18, 2015 entered into by and between Debtor and Hercules, as amended.

“**Intellectual Property**” means all patents, trademarks, service marks, trade names, copyrights, trade secrets, licenses (software or otherwise), information, know-how, inventions, discoveries, published and unpublished works of authorship, processes, any and all other proprietary rights, and all rights corresponding to all of the foregoing throughout the world, now owned and existing or hereafter arising, created or acquired.

“**Lien**” shall mean, with respect to any property, any security interest, mortgage, pledge, lien, claim, charge or other encumbrance in, of, or on such property or the income therefrom, including, without limitation, the interest of a vendor or lessor under a conditional sale agreement, capital lease or other title retention agreement, or any agreement to provide any of the foregoing, and the filing of any financing statement or similar instrument under the UCC or comparable law of any jurisdiction.

“**Obligations**” means (a) all loans, advances, future advances, debts, liabilities and obligations, howsoever arising, owed by Debtor to Secured Party or any affiliate of Secured Party of every kind and description, now existing or hereafter arising, created by the Note, this Agreement, that certain Securities Purchase Agreement of even date herewith, entered into by and between Debtor and Secured Party (the “**Purchase Agreement**”), any other Transaction Documents (as defined in the Purchase Agreement), or any modification or amendment to any of the foregoing, (b) all reasonable and

documented out-of-pocket costs and expenses, including reasonable and documented attorneys’ fees, incurred by Secured Party or any affiliate of Secured Party in connection with the Note or in connection with the collection or enforcement of any portion of the indebtedness, liabilities or obligations described in the foregoing clause (a) to the extent requested to be reimbursed by the Debtor pursuant to the terms of the Transaction Documents, (c) the payment of all other sums, with interest thereon, advanced in accordance herewith to protect the security of this Agreement, and (d) the performance of the covenants and agreements of Debtor contained in this Agreement and all other Transaction Documents; provided that “Obligations” does not include obligations relating to shares of common stock of Debtor issued upon conversion or redemption of all or any portion of the Note.

“**Permitted Indebtedness**” means (a) indebtedness of Debtor in favor of Secured Party arising under this Agreement or any other Transaction Document; (b) indebtedness to trade creditors incurred in the ordinary course of business, including indebtedness incurred in the ordinary course of business with corporate credit cards; (c) indebtedness consisting of financing of insurance premiums incurred in the ordinary course of business; (d) other indebtedness in an amount not to exceed \$250,000 at any time outstanding; (e) indebtedness consisting of capital leases and purchase money debt in an amount not to exceed \$300,000 at any time outstanding; (f) reimbursement obligations in connection with letters of credit that are secured by cash and issued on behalf of Debtor or a subsidiary thereof in an amount not to exceed \$300,000 at any time outstanding; and (g) extensions, refinancings and renewals of any items of Permitted Indebtedness, provided that the principal amount is not increased or the terms modified to impose materially more burdensome terms upon Debtor.

“**Permitted Liens**” means (a) Liens for taxes, fees, assessment or other governmental charges or levies, either not yet delinquent or being contested in good faith and by appropriate proceedings for which adequate reserves have been established; (b) Liens in favor of Secured Party under this Agreement or arising under the other Transaction Documents; (c) Liens securing claims or demands of materialmen, artisans, mechanics, carriers, warehousemen, landlords and other like persons arising in the ordinary course of Debtor’s business and imposed without action of such parties; provided, that the payment thereof is not yet required; (d) Liens arising from judgments, decrees or attachments in circumstances which do not constitute an Event of Default hereunder; (e) the following deposits, to the extent made in the ordinary course of business: deposits under worker’s compensation, unemployment insurance, social security and other similar laws, or to secure the performance of bids, tenders or contracts (other than for the repayment of borrowed money) or to secure indemnity, performance or other similar bonds for the performance of bids, tenders or contracts (other than for the repayment of borrowed money) or to secure statutory obligations (other than Liens arising under ERISA or environmental Liens) or surety or appeal bonds, or to secure indemnity, performance or other similar bonds; (f) Liens on equipment or software or other Intellectual Property constituting purchase money Liens; (g) leasehold interests in leases or subleases and licenses granted in the ordinary course of business and not interfering in any material respect with the business of the licensor; (h) Liens in favor of customs and revenue authorities arising as a matter of law to secure payment of custom duties that are promptly paid on or

before the date they become due; (i) Liens on insurance proceeds securing the payment of financed insurance premiums that are promptly paid on or before the date they become due (provided that such Liens extend only to such insurance proceeds and not to any other property or assets); (j) statutory and common law rights of set-off and other similar rights as to deposits of cash and securities in favor of banks, other depository institutions and brokerage firms; (k) easements, zoning restrictions, rights-of-way and similar encumbrances on real property imposed by law or arising in the ordinary course of business so long as they do not materially impair the value or marketability of the related property; (l) customary liens securing capital leases on the assets financed thereby; (m) liens on cash securing letters of credit; and (n) Liens incurred in connection with the extension, renewal or refinancing of indebtedness secured by Liens of the type described in clauses (a) through (n) above; provided, that any extension, renewal or replacement Lien shall be limited to the property encumbered by the existing Lien and the principal amount of the indebtedness being extended, renewed or refinanced (as may have been reduced by any payment thereon) does not increase.

“**Subordination Agreement**” means that certain Subordination and Option Agreement of even date herewith entered into by and among Hercules, Secured Party and Debtor.

“**UCC**” means the Uniform Commercial Code as in effect in the state whose laws would govern the security interest in, including without limitation the perfection thereof, and foreclosure of the applicable Collateral.

Unless otherwise defined herein, all terms defined in the UCC have the respective meanings given to those terms in the UCC.

2. **Grant of Security Interest.** As security for the Obligations, Debtor hereby pledges to Secured Party and grants to Secured Party a security interest in all right, title, interest, claims and demands of Debtor in and to the property described in Schedule A hereto, and all replacements, proceeds, products, and accessions thereof (collectively, the “**Collateral**”). Notwithstanding anything herein to the contrary, the foregoing grant of security interest shall not be effective until the Effective Date at which time such grant of security interest will immediately and automatically become effective without the need for any further action by Debtor or Secured Party.

3. **Authorization to File Financing Statements.** Debtor hereby irrevocably authorizes Secured Party at any time on or after the Effective Date to file with the Secretary of State of the State of Delaware (as well as any other state (if any) in which Debtor incorporates while the Obligations remain outstanding) any financing statements or documents having a similar effect and amendments thereto that provide any other information required by the Uniform Commercial Code (or similar law of any non-United States jurisdiction, if applicable) of such state or jurisdiction for the sufficiency or filing office acceptance of any financing statement or amendment, including whether Debtor is an organization, the type of organization and any organization identification number issued to Debtor. Debtor agrees to furnish any such information to Secured Party promptly upon Secured Party’s request.

4. **General Representations and Warranties.** Debtor represents and warrants to Secured Party that (a) Debtor is the owner of the Collateral and that no other person has any right, title, claim or interest (by way of Lien or otherwise) in, against or to the Collateral, other than Permitted Liens, (b) so long as the Effective Date has occurred, upon the filing of UCC-1 financing statements with the Delaware Secretary of State, Secured Party shall have a perfected first-position security interest in the Collateral to the extent that a security interest in the Collateral can be perfected by such filing, except for Permitted Liens, (c) Debtor has received at least a reasonably equivalent value in exchange for entering into this Agreement, (d) Debtor is not insolvent, as defined in any applicable state or federal statute, nor will Debtor be rendered insolvent by the execution and delivery of this Agreement to Secured Party; and (e) as such, this Agreement is a valid and binding obligation of Debtor, except as may be limited by applicable bankruptcy, insolvency or similar laws affecting creditor rights and by general principles of equity.

5. **Additional Covenants.** Commencing on the date hereof, Debtor hereby agrees not to grant a security interest in any of its assets without Secured Party’s prior written consent. Commencing upon and following the occurrence of the Effective Date, Debtor hereby agrees:

5.1. to perform all acts that may be necessary to maintain, preserve, protect and perfect in the Collateral, the Lien granted to Secured Party therein, and the perfection and priority of such Lien solely to the extent (i) Debtor determines to do so in the exercise of its business judgment or (ii) with respect to perfection, such perfection is required hereunder;

5.2. to procure, execute (including endorse, as applicable), and deliver from time to time any endorsements, assignments, and financing statements reasonably deemed necessary or appropriate by Secured Party to perfect, maintain and protect Secured Party’s Lien hereunder and the priority thereof;

5.3. to provide at least fifteen (15) days prior written notice to Secured Party of any of the following events: (a) any changes or alterations of Debtor’s name, (b) any changes with respect to Debtor’s address or principal place of business, and (c) the formation of any subsidiaries of Debtor;

5.4. upon the occurrence of an Event of Default (as defined in the Note) under the Note and, solely during the existence thereof, at Secured Party’s request, to endorse (up to the outstanding amount under such promissory notes at the time of Secured Party’s request), assign and deliver any promissory notes and all other instruments, documents, or writings included in the Collateral to Secured Party, accompanied by such instruments of transfer or assignment duly executed in blank as Secured Party may from time to time specify;

5.5. not to sell or otherwise dispose, or offer to sell or otherwise dispose, of the Collateral or any interest therein (other than inventory in the ordinary course of business);

5.6. not to, directly or indirectly, allow, grant or suffer to exist any Lien upon any of the Collateral, other than Permitted Liens;

5.7. not to incur any indebtedness (other than Permitted Indebtedness) without Secured Party’s prior written consent;

5.8. not to grant any license or sublicense under any of its Intellectual Property, or enter into any other agreement with respect to any of its Intellectual Property, except in the ordinary course of Debtor's business;

5.9. to the extent commercially reasonable and in Debtor's good faith business judgment: (a) to file and prosecute diligently any material patent, trademark or service mark applications pending as of the date hereof or hereafter until all Obligations (other than contingent and indemnification obligations) shall have been paid in full, (b) to make application on unpatented but patentable material inventions and on trademarks and service marks, (c) to preserve and maintain all rights in all of its material Intellectual Property, and (d) to ensure that all of its material Intellectual Property is and remains enforceable. Any and all costs and expenses incurred in connection with each of Debtor's obligations under this Section 5.10 shall be borne by Debtor. Debtor shall not knowingly and unreasonably abandon any right to file a material patent, trademark or service mark application, or abandon any pending patent application, or any other of its material Intellectual Property, without the prior written consent of Secured Party except for Intellectual Property that Debtor determines, in the exercise of its good faith business judgment, is not or is no longer material to its business; and

5.10. upon the reasonable request of Secured Party at any time or from time to time, and at the sole cost and expense (including, without limitation, reasonable attorneys' fees) of Debtor, Debtor shall take all actions and execute and deliver any and all instruments, agreements, assignments, certificates and/or documents reasonably required by Secured Party to collaterally assign any and all of Debtor's material patent, copyright and trademark registrations and applications now owned or hereafter acquired to and in favor of Secured Party.

6. Authorized Action by Secured Party. Commencing upon and following the occurrence of the Effective date, Debtor hereby irrevocably appoints Secured Party as its attorney-in-fact (which appointment is coupled with an interest) and agrees that Secured Party may perform solely during the existence of an Event of Default (but Secured Party shall not be obligated to and shall incur no liability to Debtor or any third party for failure so to do) any act which Debtor is obligated by this Agreement to perform, and, solely during the existence of an Event of Default, to exercise such rights and powers as Debtor might exercise with respect to the Collateral, including the right to (a) collect by legal proceedings or otherwise and endorse, receive and receipt for all dividends, interest, payments, proceeds and other sums and property now or hereafter payable on or on account of the Collateral; (b) enter into any

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extension, reorganization, deposit, merger, consolidation or other agreement pertaining to, or deposit, surrender, accept, hold or apply other property in exchange for the Collateral; (c) make any compromise or settlement, and take any action Secured Party deems advisable, with respect to the Collateral, including without limitation bringing a suit in Secured Party's own name to enforce any Intellectual Property; (d) endorse Debtor's name on all applications, documents, papers and instruments necessary or desirable for Secured Party in the use of any Intellectual Property; (e) grant or issue any exclusive or non-exclusive license under any Intellectual Property to any person or entity; (f) assign, pledge, sell, convey or otherwise transfer title in or dispose of any Intellectual Property to any person or entity; (g) cause the Commissioner of Patents and Trademarks, United States Patent and Trademark Office (or as appropriate, such equivalent agency in foreign countries) to issue any and all patents and related rights and applications to Secured Party as the assignee of Debtor's entire interest therein; (h) file a copy of this Agreement with any governmental agency, body or authority, including without limitation the United States Patent and Trademark Office and, if applicable, the United States Copyright Office or Library of Congress, at the sole cost and expense of Debtor; (i) insure, process and preserve the Collateral; (j) pay any indebtedness of Debtor relating to the Collateral; (k) execute and file UCC financing statements and other documents, certificates, instruments and agreements with respect to the Collateral or as otherwise required or permitted hereunder; and (l) take any and all appropriate action and execute any and all documents and instruments that may be necessary or useful to accomplish the purposes of this Agreement. The powers conferred on Secured Party under this Section 6 are solely to protect its interests in the Collateral and shall not impose any duty upon it to exercise any such powers. Secured Party shall be accountable only for the amounts that it actually receives as a result of the exercise of such powers, and neither Secured Party nor any of its stockholders, directors, officers, managers, employees or agents shall be responsible to Debtor for any act or failure to act, except with respect to Secured Party's own gross negligence or willful misconduct. Nothing in this Section 6 shall be deemed an authorization for Debtor to take any action that it is otherwise expressly prohibited from undertaking by way of other provision of this Agreement.

7. Default and Remedies.

7.1. Default. Following the occurrence of the Effective Date, Debtor shall be deemed in default under this Agreement upon the occurrence and continuation of an Event of Default.

7.2. Remedies. Upon the occurrence and continuation of any such Event of Default following the occurrence of the Effective Date, Secured Party shall have the rights of a secured creditor under the UCC, all rights granted by this Agreement and by law, including, without limiting the foregoing, (a) the right to require Debtor to assemble the Collateral and make it available to Secured Party at a place to be designated by Secured Party, and (b) the right to take possession of the Collateral, and for that purpose Secured Party may enter upon premises on which the Collateral may be situated and remove the Collateral therefrom. Debtor hereby agrees that fifteen (15) days' notice of a public sale of any Collateral or notice of the date after which a private sale of any Collateral may take place is reasonable. In addition, Debtor waives any and all rights that it may have to a judicial hearing in advance of the enforcement of any of Secured Party's rights and remedies hereunder, including, without limitation, Secured Party's right following an Event of Default to take immediate possession of Collateral and to exercise Secured Party's rights and remedies with respect thereto. Secured Party may also have a receiver appointed to take charge of all or any portion of the Collateral and to exercise all rights of Secured Party under this Agreement. Secured Party may exercise any of its rights under this Section 7.2 without demand or notice of any kind. The remedies in this Agreement, including without limitation this Section 7.2, are in addition to, not in limitation of, any other right, power, privilege, or remedy, either in law, in equity, or otherwise, to which Secured Party may be entitled. No failure or delay on the part of Secured party in exercising any right, power, or remedy will operate as a waiver thereof, nor will any single or partial exercise thereof preclude any other or further exercise thereof or the exercise of any other right hereunder. All of Secured Party's rights and remedies, whether evidenced by this Agreement or by any other agreement, instrument or document shall be cumulative and may be exercised singularly or concurrently.

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7.3. Standards for Exercising Rights and Remedies. To the extent that applicable law imposes duties on Secured Party to exercise remedies in a commercially reasonable manner, Debtor acknowledges and agrees that it is not commercially unreasonable for Secured Party (a) to fail to incur expenses reasonably deemed significant by Secured Party to prepare Collateral for disposition, (b) to fail to obtain third party consents for access to Collateral to be disposed of, or to obtain or, if not required by other law, to fail to obtain governmental or third party consents for the collection or disposition of Collateral to be collected or disposed of, (c) to fail to exercise collection remedies against account debtors or other persons obligated on Collateral or to fail to

remove liens or encumbrances on or any adverse claims against Collateral, (d) to exercise collection remedies against account debtors and other persons obligated on Collateral directly or through the use of collection agencies and other collection specialists, (e) to advertise dispositions of Collateral through publications or media of general circulation, whether or not the Collateral is of a specialized nature, (f) to contact other persons, whether or not in the same business as Debtor, for expressions of interest in acquiring all or any portion of the Collateral, (g) to hire one or more professional auctioneers to assist in the disposition of Collateral, whether or not the Collateral is of a specialized nature, (h) to dispose of Collateral by utilizing Internet sites that provide for the auction of assets of the types included in the Collateral or that have the reasonable capability of doing so, or that match buyers and sellers of assets, (i) to dispose of assets in wholesale rather than retail markets, (j) to disclaim disposition warranties, (k) to purchase insurance or credit enhancements to insure Secured Party against risks of loss, collection or disposition of Collateral or to provide to Secured Party a guaranteed return from the collection or disposition of Collateral, or (l) to the extent deemed appropriate by Secured Party, to obtain the services of other brokers, investment bankers, consultants and other professionals to assist Secured Party in the collection or disposition of any of the Collateral. Debtor acknowledges that the purpose of this Section is to provide non-exhaustive indications of what actions or omissions by Secured Party would fulfill Secured Party's duties under the UCC in Secured Party's exercise of remedies against the Collateral and that other actions or omissions by Secured Party shall not be deemed to fail to fulfill such duties solely on account of not being indicated in this Section. Without limitation upon the foregoing, nothing contained in this Section shall be construed to grant any rights to Debtor or to impose any duties on Secured Party that would not have been granted or imposed by this Agreement or by applicable law in the absence of this Section.

7.4. Marshalling. Secured Party shall not be required to marshal any present or future Collateral for, or other assurances of payment of, the Obligations or to resort to such Collateral or other assurances of payment in any particular order, and all of its rights and remedies hereunder and in respect of such Collateral and other assurances of payment shall be cumulative and in addition to all other rights and remedies, however existing or arising. To the extent that it lawfully may, Debtor hereby agrees that it will not invoke any law relating to the marshalling of Collateral which might cause delay in or impede the enforcement of Secured Party's rights and remedies under this Agreement or under any other instrument creating or evidencing any of the Obligations or under which any of the Obligations is outstanding or by which any of the Obligations is secured or payment thereof is otherwise assured, and, to the extent that it lawfully may, Debtor hereby irrevocably waives the benefits of all such laws.

7.5. Application of Collateral Proceeds. Following the occurrence of the Effective Date, the proceeds and/or avails of the Collateral, or any part thereof, and the proceeds and the avails of any remedy hereunder (as well as any other amounts of any kind held by Secured Party at the time of, or received by Secured Party after, the occurrence of an Event of Default) shall be paid to and applied as follows:

(a) First, to the payment of reasonable and documented out-of-pocket costs and expenses, including all amounts expended to preserve the value of the Collateral, of foreclosure or suit, if any, and of such sale and the exercise of any other rights or remedies, and of all proper fees, expenses, liability and advances, including reasonable legal expenses and attorneys' fees, incurred or made hereunder by Secured Party;

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(b) Second, to the payment to Secured Party of the amount then owing or unpaid on the Note (to be applied first to accrued interest and fees and second to outstanding principal) and all amounts owed under any of the other Transaction Documents or other documents included within the Obligations; and

(c) Third, to the payment of the surplus, if any, to Debtor, its successors and assigns, or to whosoever may be lawfully entitled to receive the same.

In the absence of final payment and satisfaction in full of all of the Obligations (other than contingent and indemnification obligations), Debtor shall remain liable for any deficiency.

8. Miscellaneous.

8.1. Notices. Any notice required or permitted hereunder shall be given in the manner provided in the subsection titled "Notices" in the Purchase Agreement, the terms of which are incorporated herein by this reference.

8.2. Non-waiver. No failure or delay on Secured Party's part in exercising any right hereunder shall operate as a waiver thereof or of any other right nor shall any single or partial exercise of any such right preclude any other further exercise thereof or of any other right.

8.3. Amendments and Waivers. This Agreement may not be amended or modified, nor may any of its terms be waived, except by written instruments signed by Debtor and Secured Party. Each waiver or consent under any provision hereof shall be effective only in the specific instances for the purpose for which given.

8.4. Assignment. This Agreement shall be binding upon and inure to the benefit of Secured Party and Debtor and their respective successors and assigns; *provided, however*, that Debtor may not sell, assign or delegate rights and obligations hereunder without the prior written consent of Secured Party.

8.5. Cumulative Rights, etc. The rights, powers and remedies of Secured Party under this Agreement shall be in addition to all rights, powers and remedies given to Secured Party by virtue of any applicable law, rule or regulation of any governmental authority, or the Note, all of which rights, powers, and remedies shall be cumulative and may be exercised successively or concurrently without impairing Secured Party's rights hereunder. Debtor waives any right to require Secured Party to proceed against any person or entity or to exhaust any Collateral or to pursue any remedy in Secured Party's power.

8.6. Partial Invalidity. If any part of this Agreement is construed to be in violation of any law, such part shall be modified to achieve the objective of the parties to the fullest extent permitted and the balance of this Agreement shall remain in full force and effect.

8.7. Expenses. Debtor shall pay on demand all reasonable and documented out-of-pocket fees and expenses incurred following the occurrence of the Effective Date, including reasonable and documented attorneys' fees and expenses, incurred by Secured Party in connection with the custody, preservation or sale of, or other realization on, any of the Collateral or the enforcement or attempt to enforce any of the Obligations which are not performed as and when required by this Agreement.

8.8. Entire Agreement. This Agreement, the Note, and the other Transaction Documents, taken together, constitute and contain the entire agreement of Debtor and Secured Party with respect to this particular matter and supersede any and all prior agreements, negotiations, correspondence,

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understandings and communications between the parties, whether written or oral, respecting the subject matter hereof.

8.9. Governing Law; Venue. Except as otherwise specifically set forth herein, the parties expressly agree that this Agreement shall be governed solely by the laws of the State of Utah, without giving effect to the principles thereof regarding the conflict of laws; *provided, however*, that enforcement of Secured Party's rights and remedies against the Collateral as provided herein will be subject to the UCC. The provisions set forth in the Purchase Agreement to determine the proper venue for any disputes are incorporated herein by this reference.

8.10. Waiver of Jury Trial. EACH PARTY TO THIS AGREEMENT IRREVOCABLY WAIVES ANY AND ALL RIGHTS IT MAY HAVE TO DEMAND THAT ANY ACTION, PROCEEDING OR COUNTERCLAIM ARISING OUT OF OR IN ANY WAY RELATED TO THIS AGREEMENT OR THE RELATIONSHIPS OF THE PARTIES HERETO BE TRIED BY JURY. THIS WAIVER EXTENDS TO ANY AND ALL RIGHTS TO DEMAND A TRIAL BY JURY ARISING UNDER COMMON LAW OR ANY APPLICABLE STATUTE, LAW, RULE OR REGULATION. FURTHER, EACH PARTY HERETO ACKNOWLEDGES THAT IT IS KNOWINGLY AND VOLUNTARILY WAIVING ITS RIGHT TO DEMAND TRIAL BY JURY.

8.11. Purchase Agreement; Arbitration of Disputes. By executing this Agreement, each party agrees to be bound by the terms, conditions and general provisions of the Purchase Agreement and the other Transaction Documents, including without limitation the Arbitration Provisions (as defined in the Purchase Agreement) set forth as an exhibit to the Purchase Agreement.

8.12. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be an original and all of which together shall constitute one instrument. Any electronic copy of a party's executed counterpart will be deemed to be an executed original.

8.13. Further Assurances. Debtor shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as Secured Party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

8.14. Time of the Essence. Time is expressly made of the essence with respect to each and every provision of this Agreement.

[Remainder of page intentionally left blank; signature page follows]

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IN WITNESS WHEREOF, Secured Party and Debtor have caused this Agreement to be executed as of the day and year first above written.

SECURED PARTY:

CHICAGO VENTURE PARTNERS, L.P.

By: Chicago Venture Management, L.L.C.,
its General Partner

By: CVM, Inc., its Manager

By: /s/ John M. Fife
John M. Fife, President

DEBTOR:

JAGUAR ANIMAL HEALTH, INC.

By: /s/ Lisa A. Conte
Name: Lisa A. Conte
Title: President and CEO

[Signature Page to Security Agreement]

SCHEDULE A
TO SECURITY AGREEMENT

All right, title, interest, claims and demands of Debtor in and to all of Debtor's assets owned as of the date hereof and/or acquired by Debtor at any time while the Obligations are still outstanding, including without limitation, the following property:

1. All equity interests in all wholly- or partially-owned subsidiaries of Debtor.
2. All customer accounts, insurance contracts, and clients underlying such insurance contracts.
3. All goods and equipment now owned or hereafter acquired, including, without limitation, all laboratory equipment, computer equipment, office equipment, machinery, fixtures, vehicles, and any interest in any of the foregoing, and all attachments, accessories, accessions, replacements, substitutions, additions, and improvements to any of the foregoing, wherever located;
4. All inventory now owned or hereafter acquired, including, without limitation, all merchandise, raw materials, parts, supplies, packing and shipping materials, work in process and finished products including such inventory as is temporarily out of Debtor's custody or possession or in transit and including any returns upon any accounts or other proceeds, including insurance proceeds, resulting from the sale or disposition of any of the foregoing and any documents of title representing any of the above, and Debtor's books relating to any of the foregoing;
5. All accounts receivable, contract rights, general intangibles, healthcare insurance receivables, payment intangibles and commercial tort claims, now owned or hereafter acquired, including, without limitation, all patents, patent rights and patent applications (including without limitation, the inventions and improvements described and claimed therein, and (a) all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, (b) all income, royalties, damages, proceeds and payments now and hereafter due or payable under or with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (c) the right to sue for past, present and future infringements thereof, and (d) all rights corresponding thereto throughout the world), trademarks and service marks (and applications and registrations therefor), inventions, discoveries, copyrights and mask works (and applications and registrations therefor), trade names, trade styles, software and computer programs including source code, trade secrets, methods, published and unpublished works of authorship, processes, know how, drawings, specifications, descriptions, and all memoranda, notes, and records with respect to any research and development, goodwill, license agreements, information, any and all other proprietary rights, franchise agreements, blueprints, drawings, purchase orders, customer lists, route lists, infringements, claims, computer programs, computer disks, computer tapes, literature, reports, catalogs, design rights, income tax refunds, payments of insurance and rights to payment of any kind and whether in tangible or intangible form or contained on magnetic media readable by machine together with all such magnetic media, and all rights corresponding to all of the foregoing throughout the world, now owned and existing or hereafter arising, created or acquired;
6. All now existing and hereafter arising accounts, contract rights, royalties, license rights and all other forms of obligations owing to Debtor arising out of the sale or lease of goods, the licensing of technology or the rendering of services by Debtor (subject, in each case, to the contractual rights of third parties to require funds received by Debtor to be expended in a particular manner), whether or not earned by performance, and any and all credit insurance, guaranties, and other security therefor, as well as all merchandise returned to or reclaimed by Debtor and Debtor's books relating to any of the foregoing;

7. All accounts, documents, cash, deposit accounts, letters of credit, letter of credit rights, supporting obligations, certificates of deposit, instruments, chattel paper, electronic chattel paper, tangible chattel paper and investment property, including, without limitation, all securities, whether certificated or uncertificated, security entitlements, securities accounts, commodity contracts and commodity accounts, and all financial assets held in any securities account or otherwise, wherever located, now owned or hereafter acquired and Debtor's books relating to the foregoing;

8. All other assets, goods and personal property of Debtor, wherever located, whether tangible or intangible, and whether now owned or hereafter acquired; and

9. Any and all claims, rights and interests in any of the above and all substitutions for, additions and accessions to and proceeds and products thereof, including, without limitation, insurance, condemnation, requisition or similar payments and the proceeds thereof.

Notwithstanding the foregoing, the Collateral does not include the following:

a. More than 65% of the presently existing and hereafter arising issued and outstanding shares of capital stock owned by Debtor of any foreign subsidiary, which shares entitle the holder thereof to vote for directors or any other matter;

b. Any lease, license, contract or agreement to which the Debtor is a party, and any of its rights or interest thereunder, if and for so long as the valid grant of a Lien therein to Secured Party is prohibited as a matter of law or under the terms of such lease, license, contract or other agreement (including where the violation of any such prohibition would result in the termination of the applicable lease, license, contract or other agreement), and such prohibition has not been or is not waived or the consent of the other party to such lease, license, contract or other agreement, has not been or is not otherwise obtained; provided, that the exclusions set forth in this subsection (b) shall in no way be construed (A) to apply if any described prohibition is unenforceable under applicable laws (including, without limitation, Sections 9-406, 9-407 or 9-408 of the UCC), (B) to apply after the cessation of any such prohibition, and upon the cessation of such prohibition, such property shall automatically become part of the Collateral, (C) so as to limit, impair or otherwise affect Secured Party's Lien upon Debtor's rights or interests in or to monies due or to become due under any described lease, license, contract or other agreement, or (D) to limit, impair or otherwise affect Secured Party's Lien upon any of Borrower's rights or interest in and to any proceeds from the sale, license, lease or other disposition of any such lease, license, contract or other agreement

c. Any property, lease, license, general intangible, contract or agreement subject to Permitted Liens securing purchase money indebtedness to the extent that a grant or perfection of a Lien in favor of Secured Party on any such property is prohibited by or results in a breach or termination of, or constitutes a default under, the documentation governing such Liens or the obligations secured by such Liens, to the extent enforceable under applicable law (including, without limitation, Section 9406 of the UCC); or

d. Any deposit account exclusively used for payroll, payroll taxes and other employee wage and benefit payments to or for the benefit of Debtor's employees.
