

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIESFiled pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

| | | | |
|---|---|---|---|
| 1. Name and Address of Reporting Person* <u>BOCHNOWSKI JAMES J</u> | 2. Date of Event Requiring Statement (Month/Day/Year) 05/13/2015 | 3. Issuer Name and Ticker or Trading Symbol <u>Jaguar Animal Health, Inc. [JAGX]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director Officer (give title below) | 5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |
| (Last) (First) (Middle) 3000 SAND HILL ROAD, 1-135 | | 10% Owner Other (specify below) | |
| (Street) MENLO PARK | CA | 94025 | |
| (City) (State) (Zip) | | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 98,888 | I | By Bochnowski Family Trust ⁽¹⁾ |

Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |
| Series A Preferred Stock | (2) | (2) | Common Stock | 148,332 | (2) | I | By Bochnowski Family Trust ⁽¹⁾ |
| Warrant (right to buy) | 02/05/2014 | 02/05/2019 | Common Stock | 98,888 | 2.5281 | I | By Bochnowski Family Trust ⁽¹⁾ |
| Warrant (right to buy) | 12/23/2014 | 12/31/2017 | Common Stock | 22,321 | 5.6 | I | By Bochnowski Family Trust ⁽¹⁾ |
| Stock Option (right to buy) ⁽³⁾ | (4) | 06/02/2024 | Common Stock | 39,410 | 4.83 | D | |
| Convertible Promissory Note | (5) | (5) | Common Stock | 35,714 | 5.6 | I | By Bochnowski Family Trust ⁽¹⁾ |
| Convertible Promissory Note | (6) | (6) | Common Stock | 44,642 | 5.6 | I | By Bochnowski Family Trust ⁽¹⁾ |

Explanation of Responses:

- The Reporting Person is a co-trustee and beneficiary of such trust, and shares voting and investment control over such shares with his spouse.
- The 222,499 shares of Series A Preferred Stock shall automatically convert into 148,332 shares of common stock immediately prior to the consummation of Issuer's initial public offering (the "IPO") and have no expiration date.
- Granted pursuant to the Issuer's 2013 Equity Incentive Plan.
- 25% of the Option vested on 03/02/2015, with the remainder vesting equally over the next 27 months such that the option is vested in full on 06/02/2017. Vesting is subject to the Reporting Person's continued service to the Issuer through the applicable vesting dates.
- Convertible Promissory Note in the original principal amount of \$200,000. Will convert into shares of common stock upon the closing of the IPO into shares of common stock at a conversion price equal to \$5.60 per share.
- Convertible Promissory Note in the original principal amount of \$250,000. Will convert into shares of common stock upon the closing of the IPO into shares of common stock at a conversion price equal to \$5.60 per share.

/s/ John A. Kallassy, Attorney-
in-Fact 05/13/2015

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby makes, constitutes and appoints each of Lisa A. Conte, John A. Kallassy and Steven R. King, each acting individually, as the undersigned's true and lawful attorney-in-fact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director and/or 10% shareholder of **Jaguar Animal Health, Inc.** (the "Company"), Forms 3, 4, and 5 (including amendments thereto) in accordance with Section 16(a) of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and the rules thereunder, and a Form ID, Uniform Application for Access Codes to File on EDGAR, and any other forms or reports the undersigned may be required to file in connection with the undersigned's ownership, acquisition, or disposition of securities of the Company;
- (2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to complete and execute any such Form 3, 4, or 5, or Form ID other form or report, and timely file such form (including amendments thereto) or report with the U.S. Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing that, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to the Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

The undersigned agrees that each such attorney-in-fact herein may rely entirely on information furnished orally or in writing by the undersigned to such attorney-in-fact. The undersigned also agrees to indemnify and hold harmless the Company and each such attorney-in fact against any losses, claims, damages or liabilities (or actions in these respects) that arise out of or are based upon any untrue statements or omission of necessary facts in the information provided by the undersigned to such attorney-in fact for purposes of executing, acknowledging, delivering or filing Forms 3, 4, or 5 (including amendments thereto) or Form ID.

This Power of Attorney supersedes any power of attorney previously executed by the undersigned regarding the purposes outlined in the first paragraph hereof ("Prior Powers of Attorney"), and the authority of the attorney-in-fact named in any Prior Powers of Attorney is hereby revoked.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, or 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier (a) revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact or (b) superseded by a new power of attorney regarding the purposes outlined in the first paragraph hereof dated as of a later date.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 2nd day of October, 2014.

By: /s/ James J. Bochnowski
Name: James J. Bochnowski
