

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed 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>Kallassy John A</u> (Last) (First) (Middle) <u>C/O JAGUAR ANIMAL HEALTH,</u> <u>185 BERRY ST. SUITE 1300</u> (Street) <u>SAN FRANCISCO CA 94107</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/13/2015</u>	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) Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) <input type="checkbox"/> <u>COO, CFO & Treasurer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person <input type="checkbox"/>

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)
---------------------------------	---	--	---

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				
<u>Stock Option (right to buy)⁽¹⁾</u>	(2)	<u>04/01/2024</u>	<u>Common Stock</u>	<u>80,191</u>	<u>2.54</u>	<u>D</u>
<u>Restricted Stock Units⁽¹⁾</u>	(3)	(3)	<u>Common Stock</u>	<u>10,394</u>	(4)	<u>D</u>

Explanation of Responses:

- Granted pursuant to the Issuer's 2013 Equity Incentive Plan.
- 25% of the Option vested on 01/01/2015, with the remainder vesting equally over the next 27 months such that the option is vested in full on 04/01/2017. Vesting is subject to the Reporting Person's continued employment with the Issuer through the applicable vesting dates.
- 50% of the shares of common stock underlying the restricted stock units will vest and be issuable on 01/01/2016, and the remaining 50% will vest and be issuable on 07/01/2017. Vesting is subject to the closing of the Issuer's initial public offering as well as the Reporting Person's continued employment with the Issuer through the applicable vesting dates.
- Each restricted stock unit represents the right to receive, at settlement, one (1) share of the Issuer's common stock.

/s/ John A. Kallassy 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.