

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the
Investment Company Act of 1940☐ Check this box if no
longer subject to
Section 16. Form 4 or
Form 5 obligations
may continue. See
Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person Rider Heather D.		2. Issuer Name and Ticker or Trading Symbol Inogen Inc [INGN]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)			
(Last) (First) (Middle) C/O INOGEN, INC., 326 BOLLAY DRIVE		3. Date of Earliest Transaction (Month/Day/Year) 09/06/2018					
(Street) GOLETA, CA 93117		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person			
(City) (State) (Zip)		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/06/2018		M	2,250 A	\$ 43.21 4,239	D	
Common Stock	09/06/2018		S(1)	440 D	\$ 256.1848 (2) 3,799	D	
Common Stock	09/06/2018		S(1)	510 D	\$ 257.9567 (3) 3,289	D	
Common Stock	09/06/2018		S(1)	300 D	\$ 258.7467 (4) 2,989	D	
Common Stock	09/06/2018		S(1)	600 D	\$ 260.5617 (5) 2,389	D	
Common Stock	09/06/2018		S(1)	200 D	\$ 261.08 (6) 2,189	D	
Common Stock	09/06/2018		S(1)	200 D	\$ 262.79 1,989	D	
Common Stock					2,000	I	By spouse

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

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contained in this form are not required to respond unless the
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SEC 1474 (9-02)


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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V (A) (D)		Date Exercisable Expiration Date	Title Amount or Number of Shares				
Stock Option (right to buy)	\$ 43.21	09/06/2018		M	2,250	(7) 10/13/2022	Common Stock 2,250	\$ 0	2,500	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rider Heather D. C/O INOGEN, INC. 326 BOLLAY DRIVE	X			

Signatures

/s/ Alison Bauerlein, as Attorney-in-Fact	09/07/2018
 Signature of Reporting Person	Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 2, 2018.
Represents the weighted average share price of an aggregate total of 440 shares sold in the price range of \$255.98 to \$256.37 by the reporting person. The reporting person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (3) Represents the weighted average share price of an aggregate total of 510 shares sold in the price range of \$257.29 to \$258.14 by the reporting person. The reporting person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (4) Represents the weighted average share price of an aggregate total of 300 shares sold in the price range of \$258.54 to \$259.16 by the reporting person. The reporting person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (5) Represents the weighted average share price of an aggregate total of 600 shares sold in the price range of \$260.02 to \$261.00 by the reporting person. The reporting person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (6) Represents the weighted average share price of an aggregate total of 200 shares sold in the price range of \$261.06 to \$261.10 by the reporting person. The reporting person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- (7) Subject to reporting person's continuing to be a Service Provider (as defined in the 2014 Equity Incentive Plan), 1/12th of the total shares subject to the option shall vest monthly, beginning with the first month anniversary after the vesting commencement date, but will vest fully on the date of the next Annual Meeting of the Issuer's stockholders held after the vesting commencement date. The vesting commencement date for this option is October 14, 2015.

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

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