Hannon Jason Form 4 September 30, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Hannon Jason Symbol

NUVASIVE INC [NUVA]

(Last) (First) (Middle)

7475 LUSK BLVD.

(Street) Filed(Month/Day/Year)

2. Issuer Name and Ticker or Trading

3. Date of Earliest Transaction

(Month/Day/Year) 09/28/2009

4. If Amendment, Date Original

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005 Estimated average

0.5

burden hours per response...

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner _X__ Officer (give title _ Other (specify

below) SVP and General Counsel

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

SAN DIEGO, CA 92121

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secur	ities Acqui	red, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Date, if Transaction Disposed of (D) Code (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common			Code V	Amount	(D)	Price	(IIIsu: 3 and 4)		
Stock	09/28/2009		M	500	A	\$ 16.24	1,725	D	
Common Stock	09/28/2009		F	202 (1)	D	\$ 40.31	1,523	D	
Common Stock (2)	09/29/2009		S(3)	298	D	\$ 40.192	1,225	D	
Common Stock	09/28/2009		M	15,926	A	\$ 16.24	17,151	D	
Common Stock	09/28/2009		F	6,417 (1)	D	\$ 40.31	10,734	D	

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Common Stock (2)	09/29/2009	S(3)	9,509	D	\$ 40.192 1	1,225	D
Common Stock	09/28/2009	M	3,547	A	\$ 18.31 4	1,772	D
Common Stock	09/28/2009	F	1,612 (4)	D	\$ 40.31 3	3,160	D
Common Stock (2)	09/29/2009	S(3)	1,935	D	\$ 40.192 1	1,225	D

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

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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. 5. Number of TransactionDerivative Code Securities (Instr. 8) 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)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 16.24	09/28/2009		M		500	06/21/2009	06/21/2015	Common Stock	500
Stock Option (Right to Buy)	\$ 16.24	09/28/2009		M		15,926	06/21/2009	06/21/2015	Common Stock	15,926
Stock Option (Right to Buy)	\$ 18.31	09/28/2009		M		3,547	<u>(5)</u>	01/03/2016	Common Stock	3,547

Reporting Owners

Reporting Owner Name / Address			Relationships	
	Director	10% Owner	Officer	Other

Reporting Owners 2

Hannon Jason 7475 LUSK BLVD. SAN DIEGO, CA 92121

SVP and General Counsel

Signatures

/s/ Jason 09/30/2009 Hannon

**Signature of Date

Reporting Person

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).
- Shares withheld at the election of the Reporting Person to satisfy payment of the option exercise price in connection with an exercise of a **(1)** stock option granted in June 2005.
- The shares sold were acquired upon the net exercise of a stock option.
- The sale reported on this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on September 9, (3)2008.
- Shares withheld at the election of the Reporting Person to satisfy payment of the option exercise price in connection with an exercise of a **(4)** stock option granted in January 2006.
- 25% of the total shares subject to the option vested on January 3, 2007 which was the first anniversary of the date of the grant; the remaining shares vest in 36 equal monthly installments thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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