Hannon Jason Form 4 April 14, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Hannon Jason			2. Issuer Name and Ticker or Trading Symbol NUVASIVE INC [NUVA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
7475 LUSK BLVD.			(Month/Day/Year) 04/12/2010	Director 10% OwnerX Officer (give title Other (specify below) EVP and General Counsel			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SAN DIEGO, CA 92121			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

		Totom								
(City)	(State)	(Zip) Tab	le I - Non-l	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price				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	04/12/2010		M	1,618	A	\$ 16.24	2,843	D		
Common Stock (1)	04/12/2010		S(2)	1,618	D	\$ 43.1557	1,225	D		
Common Stock	04/12/2010		M	1,382	A	\$ 16.24	2,607	D		
Common Stock (1)	04/12/2010		S(2)	1,382	D	\$ 43.1557	1,225	D		

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

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SEC 1474 (9-02)

 \mathbf{D}

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. Transactic Code (Instr. 8)	5. Number coof 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)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 16.24	04/12/2010		M		1,618	06/21/2009	06/21/2015	Common Stock	1,618
Stock Option (Right to Buy)	\$ 16.24	04/12/2010		M		1,382	06/21/2009	06/21/2015	Common Stock	1,382

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Hannon Jason

7475 LUSK BLVD. EVP and General Counsel

SAN DIEGO, CA 92121

Signatures

/s/ Jason Hannon 04/14/2010

**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).
- (1) The shares sold were acquired contemporaneously upon the cashless exercise of a stock option at an exercise price of \$16.24 per share.

Reporting Owners 2

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(2) 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, 2009

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.