

Miles Patrick  
Form 4  
February 26, 2009

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Miles Patrick

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)  
7475 LUSK BLVD.

3. Date of Earliest Transaction (Month/Day/Year)  
02/24/2009

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
EVP, Marketing and Development

(Street)  
SAN DIEGO, CA 92121

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
\_\_\_\_ 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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	02/24/2009		M	1,352 A \$ 9.5	2,822	D	
Common Stock <sup>(1)</sup>	02/24/2009		S <sup>(2)</sup>	1,352 D \$ 35.9767	1,470	D	
Common Stock	02/24/2009		M	1,148 A \$ 18.31	3,970	D	
Common Stock <sup>(3)</sup>	02/24/2009		S <sup>(2)</sup>	1,148 D \$ 35.9767	1,470	D	

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



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- (3) The shares sold were acquired contemporaneously upon the cashless exercise of a stock option at an exercise price of \$18.31 per share
- (4) 25% of the total shares subject to the option vested on January 3, 2007 which was the first anniversary of the date of 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.