HOWE LESLEY H Form 4 July 30, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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Check this box

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 may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * HOWE LESLEY H	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			
4545 TOWNE CENTRE COURT	(Month/Day/Year) 07/29/2008	X Director 10% Owner Officer (give title below) Other (specify below)		
(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		

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acqı	uired, 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)	3. Transaction Code (Instr. 8)			5. Amount of Securities Form: Direct Indirect Endirect (D) or Beneficially Owned Indirect (I) Owned Following (Instr. 4) (Instr. Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	07/29/2008		M	9,000	A	\$ 10.75	12,000	D	
Common Stock (1)	07/29/2008		S	9,000	D	\$ 55.06	3,000	D	
Common Stock	07/29/2008		M	6,000	A	\$ 19	9,000	D	
Common Stock (2)	07/29/2008		S	6,000	D	\$ 55.06	3,000	D	
Common Stock	07/29/2008		M	6,000	A	\$ 16.5	9,000	D	
	07/29/2008		S	6,000	D		3,000	D	

Common \$ Stock (3) 55.06

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

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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. Transactic Code (Instr. 8)	Secu Acq (A) Disp (D)	urities uired or oosed of tr. 3, 4,	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
Employee Stock Option (Right to Buy)	\$ 10.75	07/29/2008		M		9,000	<u>(4)</u>	02/26/2014	Common Stock	9,000
Employee Stock Option (Right to Buy)	\$ 19	07/29/2008		M		6,000	07/27/2006	07/27/2015	Common Stock	6,000
Employee Stock Option (Right to Buy)	\$ 16.5	07/29/2008		M		6,000	05/24/2007	05/24/2016	Common Stock	6,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting Owner Prainter Prautess	Director	10% Owner	Officer	Other			
HOWE LESLEY H 4545 TOWNE CENTRE COURT SAN DIEGO, CA 92121	X						

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Signatures

/s/ Jason Hannon, Attorney-in-fact

07/30/2008

**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 shares sold were acquired contemporaneously upon the cashless exercise of a stock option at an exercise price of \$10.75 per share.
- (2) The shares sold were acquired contemporaneously upon the cashless exercise of a stock option at an exercise price of \$19.00 per share.
- (3) The shares sold were acquired contemporaneously upon the cashless exercise of a stock option at an exercise price of \$16.50 per share.
- The option is immediately exercisable, but shares purchased upon exercise of such option are subject to repurchase by the Issuer at the option exercise price in the event the Reporting Person's services to the Issuer terminate prior to the date the shares vest. The total shares subject to the option vest monthly over four years starting from the grant date of February 26, 2004.

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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