Treharne Richard III Form 4 May 25, 2012

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 if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Treharne Richard III			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)		(Middle)	NUVASIVE INC [NUVA] 3. Date of Earliest Transaction	(Check all applicable)		
7475 LUSK BLVD			(Month/Day/Year) 05/24/2012	_X_ Director 10% Owner Officer (give title below) Other (specify below)		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
SAN DIEGO, CA 92121 (City) (State) (Zip)				Form filed by More than One Reporting Person		

(City)	(State) (2	Table	I - Non-De	erivative Sec	curities A	cquired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	S	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	onAcquired (A	A) or	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	Disposed of	f (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 a	and 5)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
					· A \	Reported		
					(A)	Transaction(s)		
			Code V		or D) Pric	(Instr. 3 and 4)		
			Code v		D) Pile	<i>5</i>		
Common Stock	05/24/2012		A	$\frac{2,833}{(1)}$	A \$0	2,833	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)

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transact	5.	6. Date Exerc Expiration D		7. Title and Amount of		
Security (Instr. 3)	or Exercise Price of Derivative Security	e of (Movative	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/ re s l		Underlying Securities (Instr. 3 an	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	, i		Expiration Date	Title Amo or Nun of Shar	nber	

Reporting Owners

Reporting Owner Name / Address	Relationships					
reporting o where remains a remainder	Director	10% Owner	Officer	Other		
Treharne Richard III 7475 LUSK BLVD SAN DIEGO, CA 92121	X					

Signatures

/s/ Jason M. Hannon, Attorney-In-Fact 05/25/2012

**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).

Represents an award of Restricted Stock Units with monthly vesting over a twelve month period starting on May 24, 2012. Receipt of all shares of the underlying stock is deferred for three years from May 24, 2012 or until retirement from Issuer's Board of Directors, whichever occurs first.

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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