

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>BERGHEIM OLAV</u> <hr/> (Last) (First) (Middle) <u>C/O DOMAIN ASSOCIATES, LLC</u> <u>ONE PALMER SQUARE</u> <hr/> (Street) <u>PRINCETON NJ 08542</u> <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/12/2004</u>	3. Issuer Name and Ticker or Trading Symbol <u>NUVASIVE INC [NUVA]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) <hr/> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	8,000	I	By Domain Associates, L.L.C. ⁽¹⁾

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
			Title	Amount or Number of Shares		

Explanation of Responses:

1. The Reporting Person is a managing member of Domain Associates, L.L.C. Pursuant to Instruction (5)(b)(iv) of Form 3, the Reporting Person has elected to report as indirectly beneficially owned the entire number of securities beneficially owned by such entity. The Reporting Person disclaims beneficial ownership of any securities, and any proceeds thereof, that exceed his or her pecuniary interest therein and/or that are not actually distributed to him or her.

Remarks:

Lisa A. Kraeutler, Attorney-in-Fact 05/12/2004

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 5 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

THE UNDERSIGNED hereby makes, constitutes and appoints Lisa A. Kraeutler (the "Attorney"), with full power of substitution, the true and lawful attorney in fact for the undersigned, in the undersigned's name, place and stead and on the undersigned's behalf, to complete, execute and file with the United States Securities and Exchange Commission (the "Commission"), one or more initial statements of beneficial ownership of securities pursuant to Section 16(a) of the Securities Exchange Act of 1934 and the rules and regulations thereunder, and any other forms, certificates, documents or instruments that the Attorney deems necessary or appropriate in order to comply with the requirements of said Section 16(a) and such rules and regulations.

This Power of Attorney shall remain in effect for a period of two years from the date hereof or until such earlier date as a written revocation thereof is filed with the Commission.

Dated: May 1, 2003

/s/ Olav Bergheim

Olav Bergheim