

| OMB APPROVAL | |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

| | | |
|---|---|---|
| 1. Name and Address of Reporting Person* <u>SISITSKY NATHANIEL</u> (Last) (First) (Middle) 7475 LUSK BLVD. (Street) SAN DIEGO CA 92121 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>NUVASIVE INC [NUVA]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP & General Counsel</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) 03/01/2023 | |
| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | |

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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|--|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 03/01/2023 | | M | | 5,333 | A | \$0.00 | 23,840 ⁽¹⁾ | D | |
| Common Stock | 03/01/2023 | | F | | 1,976 ⁽²⁾ | D | \$42.67 | 21,864 ⁽¹⁾ | 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. Transaction Code (Instr. 8) | | 5. Number of 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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-------|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | | Title |
| RSUs ⁽³⁾ | \$0.00 | 03/01/2023 | | M | | | 5,333 | (4) | (4) | Common Stock | 5,333 | \$0.00 | 0 | D | |
| RSUs ⁽³⁾ | \$0.00 | 03/01/2023 | | A | | 16,405 | | (5) | (5) | Common Stock | 16,405 | \$0.00 | 16,405 | D | |

Explanation of Responses:

- Shares directly held by the Reporting Person. The Reporting Person also holds conditional rights to receive shares pursuant to previously disclosed Issuer equity awards. Amount includes 457 shares acquired under the Issuer's employee stock purchase plan in April 2022.
- Shares withheld by the Issuer to satisfy tax withholding obligations.
- Each Restricted Stock Unit ("RSU") represents the right to receive one share of the Issuer's common stock upon vesting.
- This RSU award was granted to the Reporting Person on March 2, 2020. In accordance with the terms of the RSU award, the award vested as to 5,333 shares on March 1, 2023.
- This RSU award was granted to the Reporting Person on March 1, 2023. In accordance with the terms of the RSU award, the award will vest in full on March 1, 2026.

Remarks:

/s/ Nathaniel B. Sisitsky 03/03/2023
 ** 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 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).

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.