

| OMB APPROVAL                                 |           |
|--|-----------|
| OMB Number:                                  | 3235-0287 |
| Estimated average burden hours per response: | 0.5       |

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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*<br><u>Barry James Christopher</u><br>(Last) (First) (Middle)<br>7475 LUSK BLVD.<br>(Street)<br>SAN DIEGO CA 92121<br>(City) (State) (Zip) |  |  | 2. Issuer Name and Ticker or Trading Symbol<br><u>NUVASIVE INC [ NUVA ]</u> |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br>Chief Executive Officer |  |
|  |  |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>11/01/2021              |  |  |  |
|  |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                                       |  |

**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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |

**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 |
| PRSU <sup>(1)</sup>                        | \$0.00   | 11/01/2021                           |  | A                              |   | 29,904   |     | (2)  | (2)             | Common Stock  | 29,904                                     | \$0.00   | 29,904  | D  |       |

**Explanation of Responses:**

- Each Performance Restricted Stock Unit ("PRSU") represents the right to receive one share of the Issuer's common stock upon vesting.
- This PRSU award was granted to the Reporting Person on November 5, 2018. The award was granted subject to performance conditions based on the level of year-over-year improvement in the Issuer's non-GAAP earnings per share during the three-year performance period ended September 30, 2021. On November 1, 2021, the Compensation Committee of the Issuer's Board of Directors certified the Issuer's performance for purposes of the award. Based on the Issuer's performance, the award will vest as to 29,904 shares on November 5, 2021, subject to and in accordance with the terms of the award. As the award did not constitute a derivative security, it was not required to be reported and was not reported on a Form 4 at the time of grant.

**Remarks:**

/s/ Nathaniel B. Sisitsky,  
 Attorney-in-fact for James Christopher Barry  
 11/03/2021

\*\* 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.