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FORM 4

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

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

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

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| hours per response: | 0.5 |
| | |

| 1. Nume and Address of Reporting reison | | | 2. Issuer Name and Ticker or Trading Symbol <u>Stereotaxis, Inc.</u> [STXS] | | tionship of Reporting Perso all applicable) Director | n(s) to Issuer 10% Owner |
|---|----------------------|----------|--|------------------------|--|-----------------------------|
| (Last) 7618 SILVERW | (First) OOD COURT | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 08/22/2012 | | Officer (give title below) | Other (specify below) |
| (Street) LAKEWOOD RANCH | FL | 34202 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) X | idual or Joint/Group Filing (Form filed by One Report Form filed by More than C Person | ing Person |
| (City) | (State) | (Zip) | | | | |

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 Disposed Of 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | 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 | Transaction(s) (Instr. 3 and 4) | | (1150.4) |
| Common Stock | 08/22/2012 | | A | | 9,559 ⁽¹⁾ | A | \$ <mark>0</mark> | 14,468(2) | D | |
| Common Stock | | | | | | | | 2,025 ⁽²⁾ | Ι | Spouse |

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. Transa Code (8) | | of Deriv Secu Acqu (A) or Dispo of (D) | or posed D) tr. 3, 4 | | 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 | Amount or Number of Shares | | | | |

Explanation of Responses:

1. Grant of restricted stock units. Each restricted stock unit represents a right to receive one share of common stock. The restricted stock units vest one year from the date of grant or the date of the next shareholders' meeting, whichever is earlier.

2. The number of shares reflects the 1-for-10 reverse stock split of Stereotaxis, Inc.'s common stock on July 10, 2012.

Remarks:

/s/ Karen W. Duros, Attorneyin-Fact

08/24/2012

** 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.