FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| 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

| Name and Address of Reporting Person* Giffin David | | | | | | 2. Issuer Name and Ticker or Trading Symbol Stereotaxis, Inc. [STXS] | | | | | | | | | Check a | all app Direc | licable) tor | | Owner | | |
|--|---|------|-----------|-------------------|--------------|--|---|--|--|-------------------------------------|---------|---|------------------------------------|--------------|--|------------------|---|---|---|--|--|
| (Last) (First) (Middle) C/O STEREOTAXIS, INC. 4320 FOREST PARK AVENUE, SUITE 100 | | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/31/2010 | | | | | | | | | | X Officer (give title below) Other (specify below) VP, Human Resources | | | | |
| (Street) MO 63108 (City) (State) (Zip) | | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| | | Tabl | e I - Nor | ı-Deriv | ative | Se | curitie | s Acc | quired, | Dis | posed o | f, or | Bene | eficia | ally C | Owne | ed | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | | ar) | P.A. Deemed Execution Date, f any Month/Day/Year) | | Code (| Transaction Dispose Code (Instr. 5) | | ities Acquired (A) d Of (D) (Instr. 3, | | | 4 and Sec Ben | | cially I Following | 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 | . 17 | Transaction(s) (Instr. 3 and 4) | | | (111501.4) | | | | | |
| Common Stock 12/31/ | | | | | | | | | | | 20,00 | 0 | D (| | 19,046 | | 9,046 | 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) | ivative Conversion Date Execution urity or Exercise (Month/Day/Year) if any | | | Date, ny/Year) | Code (Instr. | | | rative rities ired r osed) | 6. Date Exercisable and Expiration Date (Month/Day/Year) Date Expiration Exercisable Date | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of Title Shares | | ount nber | | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownersh Form: Direct (D) or Indirec (I) (Instr. | Beneficial Ownership t (Instr. 4) | | |

Explanation of Responses:

1. Shares of restricted stock forfeited upon lack of achievement of certain performance criteria by December 31, 2010.

Remarks:

/s/ David Giffin

01/04/2011

** 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.