Stereotaxis, Inc. Form 4 September 02, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MIDDLETON FRED A			2. Issuer Name and Ticker or Trading Symbol Stereotaxis, Inc. [STXS]	5. Relationship of Reporting Person(s) to Issuer			
(Last) 400 SOUTH E STE 1200	(First) L CAMINO	(Middle) • REAL	3. Date of Earliest Transaction (Month/Day/Year) 08/31/2009	(Check all applicable) _X_ Director			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person _ Form filed by More than One Reporting			
SAN MATEO, CA 94402-1708				Person			

(City)	(State)	(Zip) Tal	ble I - Non	-Derivativ	e Sec	urities A	cquired, Dispos	ed of, or Ben	eficially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or D (D) (Instr. 3,	4 and (A) or	d of 5) Price	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)
Common Stock	08/31/2009		P	5,000	A	\$ 3.54 (1)	254,586	D	
Common Stock							1,581,607	I	Sanderling Venture Partners VI Co-Investment Fund, L.P.
Common Stock							30,609	I	Sanderling VI Beteiligungs GmbH & Co KG

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Common Stock	36,470	I	Sanderling VI Limited Partnership
Common Stock	16,116	I	Sanderling Ventures Management VI
Common Stock	781,351	I	Sanderling Venture Partners II, L.P.
Common Stock	15,000	I	Sanderling Mgmt. LLC 401K Pension Profit Sharing Plan
Common Stock	532,758	I	Sanderling IV Biomedical Co-Investment Fund, L.P.
Common Stock	110,971	I	Sanderling V Beteiligungs GmbH & Co. KG
Common Stock	397,164	I	Sanderling V Biomedical Co-Investment Fund, L.P.
Common Stock	119,566	I	Sanderling V Limited Partnership
Common Stock	677,906	I	Sanderling Venture Partners V Co-Investment Fund, L.P.
Common Stock	224,515	I	Sanderling Venture Partners IV Co-Investment Fund
Common Stock	828	I	Sanderling Ventures Management V
Common Stock	797	I	Middleton McNeil

Retirement Trust

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

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SEC 1474 (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									Amount		
						Date	Expiration	Ti+la	Or		
						Exercisable	Date	Title	Number		
				C-1- V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

MIDDLETON FRED A
400 SOUTH EL CAMINO REAL STE 1200 X X
SAN MATEO, CA 94402-1708

Signatures

/s/ Fred A. 09/02/2009 Middleton

**Signature of Date
Reporting Person

Explanation of Responses:

- * 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).
- The reported price is the weighted average purchase price per share for multiple transactions in which the purchase prices ranged from (1) \$3.42 to \$3.55 per share. The reporting person undertakes to provide full information regarding the number of shares purchased at each separate purchase price upon request of the Securities and Exchange Commission staff, the issuer or any security holder of the issuer.

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

Reporting Owners 3

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