SOMANETICS CORP

Form 4

October 04, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

January 31, Expires:

OMB APPROVAL

2005

0.5

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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 * BARRETT BRUCE J			2. Issuer Name and Ticker or Trading Symbol SOMANETICS CORP [SMTS]	5. Relationship of Reporting Person(s) to Issuer		
				(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	X Director 10% Owner		
C/O SOMANETICS CORP, 1653 E.		P, 1653 E.	09/30/2005	X Officer (give title Other (specify		
MAPLE RD				below) below)		
WHI EE RE				President and CEO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
TROY, MI 480	083-4208			_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	rities Acquir	ed, Disposed of,	or Beneficiall	y 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. Securit ord Dispos (Instr. 3, 4	ed of (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 Shares	09/30/2005		M	85,000	A	\$ 4.75	162,492	D	
Common Shares	09/30/2005		S	17,102	D	\$ 25	145,390	D	
Common Shares	09/30/2005		S	2,500	D	\$ 25.0025	142,890	D	
Common Shares	09/30/2005		S	2,500	D	\$ 25.0009	140,390	D	
Common Shares	09/30/2005		S	1,000	D	\$ 25.041	139,390	D	

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Common Shares	09/30/2005	S	9,000	D	\$ 25.1	130,390	D
Common Shares	09/30/2005	S	1,000	D	\$ 25.094	129,390	D
Common Shares	09/30/2005	S	1,000	D	\$ 25.0583	128,390	D
Common Shares	09/30/2005	S	3,000	D	\$ 25.04	125,390	D
Common Shares	09/30/2005	S	1,000	D	\$ 25.0332	124,390	D
Common Shares	09/30/2005	S	53	D	\$ 25.2	124,337	D
Common Shares	10/03/2005	S	1,400	D	\$ 27.15	122,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.254	121,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.371	120,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.342	119,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.3333	118,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.318	117,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.3144	116,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.24	115,937	D
Common Shares	10/03/2005	S	1,000	A	\$ 27.2563	114,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.3924	113,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.4982	112,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.6825	111,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.76	110,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.7574	109,937	D
	10/03/2005	S	1,000	D		108,937	D

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Common Shares					\$ 27.7777		
Common Shares	10/03/2005	S	1,000	D	\$ 27.7968	107,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.8431	106,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.8671	105,937	D
Common Shares	10/03/2005	S	1,000	D	\$ 27.784	104,937	D

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

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 control number.

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 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. Transactic Code (Instr. 8)	Securities		Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	and :		Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee stock option (right to buy)	\$ 4.75	09/30/2005		M		85,000	<u>(1)</u>	04/23/2007	Common Shares	85,000

Reporting Owners

Reporting Owner Name / Address		Re	elationships				
reporting owner rune, rune ess	Director	10% Owner	Officer	Other			
BARRETT BRUCE J							
C/O SOMANETICS CORP	X		President and CEO				
1653 E. MAPLE RD	Λ		r resident and CEO				
TROY, MI 48083-4208							

Reporting Owners 3

Signatures

Bruce J. Barrett 10/04/2005

**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).
- (1) The option vested in one-third equal annual installments commencing April 23, 1998.

Remarks:

Form 1 of 3 to accommodate overflow transactions during the reporting period.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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