#### SOMANETICS CORP

Form 4

October 04, 2005

## FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

0.5

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue. See Instruction

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

burden hours per response...

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	(Check an applicable)			
C/O SOMANETICS CORP, 1653 E. MAPLE RD		RP, 1653 E.	(Month/Day/Year) 09/30/2005	_X_ Director 10% Owner _X_ Officer (give title Other (specify below)  President and CEO			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
TROY, MI 48083-4208			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (	Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5)  (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Shares	10/03/2005		S	100	D	\$ 26.36	77,892	D	
Common Shares	10/03/2005		S	100	D	\$ 26.32	77,792	D	
Common Shares	10/03/2005		S	200	D	\$ 26.43	77,592	D	
Common Shares	10/03/2005		S	100	D	\$ 26.4	77,492	D	

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 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. Transact Code (Instr. 8)	5. onNumber of Derivativ Securities Acquired		ate	Amou Under Secur	le and ant of rlying rities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo
	·				(A) or Disposed of (D) (Instr. 3, 4, and 5)						Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

### **Reporting Owners**

Director 10% Owner Officer Other

BARRETT BRUCE J C/O SOMANETICS CORP 1653 E. MAPLE RD TROY, MI 48083-4208

X

President and CEO

### **Signatures**

Bruce J. Barrett 10/04/2005

\*\*Signature of Reporting Person Date

## **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).

#### **Remarks:**

Form 3 of 3 due to overflow transactions

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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