SARON J ROBERT Form 4 April 06, 2009

FORM 4

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

OMB 3235-0287 Number:

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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...

0.5

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SARON J ROBERT			2. Issuer Name and Ticker or Trading Symbol BOVIE MEDICAL CORP [bvx]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First)		(Middle)	3. Date of Earliest Transaction	(eneck all applicable)			
			(Month/Day/Year)	X Director 10% Owner			
9807 ASHLEY DRIVE			04/02/2009	_X_ Officer (give title Other (specified below) Chief Sales & Mkt Officer			
(Street) SEMINOLE, FL 33774			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			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 S	Securi	ties Acq	uired, Disposed o	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)	ies Acquired sposed of (D) 4 and 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	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common stock	04/02/2009		S	12,700 (1)	D	\$ 6.51	422,119	D	
Common stock	04/03/2009		S	4,100 (1)	D	\$ 6.31	418,019	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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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		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration D	ate	Amou	int 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)	Derivativ	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr.	3 and 4)		Owne
	Security				Acquired			•			Follo
	,				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						,
					4, and 5)						
					., and 3)						
									Amount		
						Data	Evaluation		or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other				
SARON J ROBERT 9807 ASHLEY DRIVE SEMINOLE, FL 33774	X		Chief Sales & Mkt Officer					

Signatures

s/ J. Robert
Saron

**Signature of Reporting Person

04/06/2009

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).
- (1) Reporting person sold shares to cover AMT tax owed from the exercise of stock options.

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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