SARON J ROBERT Form 4 May 13, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

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

Check this box

obligations may continue. See Instruction

stock

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)

	. Name and Ad SARON J R	ddress of Reporting I OBERT	Person * 2. Issue Symbol	2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer			
			BOVIE	BOVIE MEDICAL CORP [bvx]			(Check all applicable)			
	(Last)	(First) (M	fiddle) 3. Date o	f Earliest Transaction	n					
9	807 ASHLI	EY DRIVE		(Month/Day/Year) 05/12/2009			_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chief Sales & Mkt Officer			
		(Street)	4. If Ame	4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check			
			Filed(Mo	Filed(Month/Day/Year)			Applicable Line) _X_ Form filed by One Reporting Person			
S	SEMINOLE	, FL 33774				•	One Reporting Pe More than One Re			
	(City)	(State)	(Zip) Tab	e I - Non-Derivati	ve Securities Ac	quired, Disposed o	of, or Beneficial	ly Owned		
1	.Title of	2. Transaction Date	2A. Deemed	3. 4. Sec	urities Acquired	5. Amount of	6. Ownership	7. Nature of		
	ecurity	(Month/Day/Year)	Execution Date, if	Transaction(A) or	-		Form: Direct	Indirect		
(1	Instr. 3)		any	*	3, 4 and 5)	Beneficially	(D) or	Beneficial		
			(Month/Day/Year)	(Instr. 8)		Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)		
				Codo W Assess	(A) or	Reported Transaction(s) (Instr. 3 and 4)	(IIIsti. +)	(111311. 4)		
	Common	05/12/2009		Code V Amou S 15,00	` ′ .	387,319	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.

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

(1)

7.33

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	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		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Name / Address	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

05/13/2009

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.

Reporting Owners 2