Rossi Randy D Form 4/A February 12, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

Expires:

January 31,

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Rossi Randy D Issuer Symbol BOVIE MEDICAL CORP [BVX] (Check all applicable) (Middle) (Last) (First) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner _ Other (specify Officer (give title 2641 KELLIWOOD CIRCLE 02/01/2007 below) (Street) 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 02/12/2007 Form filed by More than One Reporting SHREVEPORT, LA 71106 Person

(City)	(State) (Table Table	e I - Non-D	erivative S	ecurit	ies Acq	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securiti	ies Ac	quired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or Dis	sposed	of (D)	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)		Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported		
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	02/01/2007		M <u>(1)</u>	25,000	A	\$ 2.13	35,000	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)

Edgar Filing: Rossi Randy D - Form 4/A

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Nı	umber of	6. Date Exercis	sable and	7. Title and A	Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	ransactionDerivative		Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Secu	rities	(Month/Day/Y	ear)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acqu	aired (A)				
	Derivative				or Di	isposed of				
	Security				(D)					
	_				(Instr. 3, 4,					
					and 5	5)				
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option	\$ 2.13	02/01/2007		M		25,000	09/23/2004	09/22/2014	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer Other				
Rossi Randy D 2641 KELLIWOOD CIRCLE SHREVEPORT, LA 71106	X						

Signatures

/s/ Randy D.
Rossi

**Signature of 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).
- (1) Mr. Randy Rossi exercised option granted pursuant to stock option plan duly approved by shareholders.

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