BSD MEDICAL CORP Form 4 May 19, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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

Check this box

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

(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 MCQUAY TIMOTY C Issuer Symbol BSD MEDICAL CORP [BSDM] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner _ Other (specify Officer (give title 6001 OAK CANYON 05/01/2009 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 Form filed by More than One Reporting IRVING, CA 92620-4205 Person

(City)	(State) (2	Table Table	I - Non-D	erivative S	ecuri	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date		3.	4. Securit			5. Amount of Securities	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Day/Year) Execution Date, if Trans			ansactionAcquired (A) or			Form: Direct	Indirect
(Instr. 3)		any	Code	Disposed of (D)		Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	05/01/2009		A	5,640	A	\$ 2.4	6,809	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)

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4.	5.	6. Date Exerc Expiration D		7. Title and Amount of		
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month Day/Teat)	(Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/ re		Underlying Securities (Instr. 3 and	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title Amo or Num of	nber	

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
MCQUAY TIMOTY C 6001 OAK CANYON IRVING, CA 92620-4205	X						

Signatures

Timothy C.

McQuay

**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).

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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