PURE BIOSCIENCE

Form 4

December 18, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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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)

may continue.

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Thompson Tommy G Issuer Symbol PURE BIOSCIENCE [PURE] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction X_ Director (Month/Day/Year) 10% Owner Officer (give title Other (specify 264 MEDLOCK LANE 12/16/2008 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 ALEXANDRIA, VA 22304 Person

(State)

(Zip)

(City)

(City)	(State)	(Zip) Tabl	e I - Non-D	Derivative So	ecuriti	es Acqu	ired, Disposed of	, or Beneficiall	y 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. Securitie on(A) or Disp (Instr. 3, 4	osed o	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common	n 12/16/2008		X	30,000	A		460,000 (1)	D	
Common Stock	n 12/16/2008		X	132,000	A	\$ 1.75	460,000 (1)	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)

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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. Transactio Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	5) (A)	(D)	Date Exercisable	Expiration Date	Title	Amount of Number of Shares
Option	\$ 1.5	12/16/2008		X		30,000	02/23/2006	12/31/2008	Common Stock	30,000
Option	\$ 1.5	12/16/2008		X		132,000	02/23/2006	12/31/2008	Common	132,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
·r· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer Other				
Thompson Tommy G							
264 MEDLOCK LANE	X						
ALEXANDRIA, VA 22304							

Signatures

/s/ Dennis Brovarone Attorney-in-fact Tommy G.
Thompson
12/17/2008

**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).
- (1) Incorporates all transactions being reported on this Form 4.

Remarks:

There are no other changes to previously reported derivative securities

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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