

FORM 4

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

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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. Name and Address of Reporting Person*			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
Rosenthal, Marvin E.			Discovery Laboratories, Inc. (DSCO)			<input checked="" type="checkbox"/> Director _____ 10% Owner _____ Officer _____ Other (give title below) (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)			Director		
2600 Kelly Road			6/08/2006					
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line)		
Warrington, PA 18976						<input checked="" type="checkbox"/> Form filed by One Reporting Person _____ Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					

1. Title of Security (Instr. 3)	2. Trans- action Date (Month/ Day/ Year)	2A. Deemed Execution Date, if any (Month/ Day/ Year)	3. Trans- action Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Owner- ship Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Owner- ship (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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

1. Title of Derivative Security (Instr. 3)	2. sion or Exercise Price of Derivative Security	3. Trans-action Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Trans-action Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exer-cisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Owner-ship Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exer-cisable	Expira-tion Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy) (1)	\$1.5900	06/08/06		A		30,000		06/08/07	06/08/16	Common Stock	30,000	\$0.0000	30,000	D	

Explanation of Responses:

See continuation page(s) for footnotes

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

* 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).

Marvin E. Rosenthale

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**Signature of Reporting Person

Date

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

Rosenthale, Marvin E.
2600 Kelly Road
Suite 100
Warrington, PA 18976

Discovery Laboratories, Inc. (DSCO)
6/08/2006

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- (1) This stock option shall vest 100% on the first anniversary of the date of the grant .