

AYERS JONATHAN W
 Form 4
 February 16, 2007

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *
 AYERS JONATHAN W

2. Issuer Name and Ticker or Trading Symbol
 IDEXX LABORATORIES INC /DE [IDXX]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 ONE IDEXX DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/14/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Chairman, President & CEO

WESTBROOK, ME 04092

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/14/2007		M	500	A \$ 0	50,172	D
Common Stock	02/14/2007		F	161	D \$ 83.87	50,011	D

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

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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. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Underlying Security (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title
Incentive Stock Option (right to buy)	\$ 83.87	02/14/2007		A	1,192	(1) 02/13/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 83.87	02/14/2007		A	28,808	(1) 02/13/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 100	02/14/2007		A	100,000	(1) 02/13/2014	Common Stock
Restricted Stock Unit	(2)	02/14/2007		M	500	(2) (2)	Common Stock
Restricted Stock Unit	(3)	02/14/2007		A	3,000	(3) (3)	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
AYERS JONATHAN W ONE IDEXX DRIVE WESTBROOK, ME 04092			Chairman, President & CEO	

Signatures

Conan R. Deady, Attorney-in-Fact for Jonathan W. Ayers
Date: 02/16/2007

**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) Grant of option to buy shares of IDEXX Laboratories, Inc. Common stock exercisable in five annual increments, beginning on February 14, 2008.
- (2) Each restricted stock unit represents a contingent right to receive one share of IDEXX Laboratories, Inc. common stock. The restricted stock units vest in five equal annual installments beginning on February 14, 2007.
- (3)

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Each restricted stock unit represents a contingent right to receive one share of IDEXX Laboratories, Inc. common stock. The restricted stock units vest in five equal annual installments beginning on February 14, 2008.

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.