HENDERSON REBECCA M

Form 4

February 15, 2007

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

OMB Number:

3235-0287

0.5

Check this box if no longer

January 31, Expires: 2005

OMB APPROVAL

subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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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

response...

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HENDERSON REBECCA M

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Symbol

IDEXX LABORATORIES INC /DE

(Check all applicable)

[IDXX]

(Last)

(City)

1. Title of

Security

(Instr. 3)

(First) (Middle)

(Zip)

(Month/Day/Year)

3. Date of Earliest Transaction

X_ Director Officer (give title

10% Owner Other (specify

C/O MIT SLOAN SCHOOL ROOM

E52-43, 50 MEMORIAL DRIVE

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Filed(Month/Day/Year)

(Month/Day/Year)

02/14/2007

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

CAMBRIDGE, MA 02142

(State) 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 8)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership

Following Reported

Transaction(s)

or (Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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

(A)

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

(Instr. 4)

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

3. Transaction Date 3A. Deemed 1. Title of

5. Number 6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8. Price Underlying Securities Derivative

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8	S) S ((C (((((Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)		Security (Instr. 5)
				Code '	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Deferred Stock Unit	<u>(1)</u>	02/14/2007		A	8	895		<u>(1)</u>	<u>(1)</u>	Common Stock	895	\$ 83.8

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

HENDERSON REBECCA M
C/O MIT SLOAN SCHOOL ROOM E52-43
50 MEMORIAL DRIVE
CAMBRIDGE, MA 02142

Signatures

Conan R. Deady, Attorney-in-Fact for Rebecca M. Henderson, PhD

02/15/2007

**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) Deferred stock units vest 100% one year from the date of grant and are issuable only as common stock on a one-for-one basis one year following the Director's resignation from the Board of Directors.

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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