HOLOGIC INC Form 4 April 07, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

LAVALLEE ROBERT H

Symbol HOLOGIC INC [HOLX]

(First) (Middle) (Last)

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

35 CROSBY DRIVE 04/05/2009

> (Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Director 10% Owner X_ Officer (give title Other (specify

below)

SVP, Chief Accounting Officer

Applicable Line)

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

6. Individual or Joint/Group Filing(Check

Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

BEDFORD, MA 01730

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

(A)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Transaction(s) (Instr. 3 and 4)

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)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of **Transaction**Derivative Code Securities Acquired 6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and A Underlying S (Instr. 3 and 4

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	(D)	(A) or Disposed of (D) (Instr. 3, 4, and 5)			
				Code V	V (A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 14.87	04/05/2009		A	22,796		<u>(1)</u>	01/16/2015	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 33.31	04/05/2009		D		44,000	(3)	01/16/2015	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

LAVALLEE ROBERT H 35 CROSBY DRIVE BEDFORD, MA 01730

SVP, Chief Accounting Officer

Signatures

Mark J. Casey, Attorney-In-Fact for: Robert H. Lavallee

04/07/2009

**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) The option becomes exercisable in four equal annual installments beginning April 5, 2010.
- On April 5, 2009, the Issuer canceled, pursuant to the Issuer's Option Exchange Program, a seven-year option granted to the Reporting Person on January 16, 2008 for 44,000 shares at \$33.31 per share. In exchange, the Reporting Person received the option reported herein.
- (3) The option provided for vesting in five equal annual installments beginning on January 16, 2009.
- On April 5, 2009, the Issuer canceled, pursuant to the Issuer's Option Exchange Program, an option granted to the Reporting Person on (4) January 16, 2008. In exchange, the Reporting Person will receive a replacement option on April 5, 2009 for a lesser number of shares, having an exercise price equal to 110% of the market price of the underlying stock on the grant date.

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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