

HOLOGIC INC
Form 4
May 19, 2005

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 *
LAVALLEE ROBERT H

(Last) (First) (Middle)
35 CROSBY DRIVE
(Street)

BEDFORD, MA 01730

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
HOLOGIC INC [HOLX]

3. Date of Earliest Transaction (Month/Day/Year)
05/18/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	05/18/2005		M		5,000 A \$ 5	5,000	D
Common Stock	05/18/2005		M		1,000 A \$ 5.05	6,000	D
Common Stock	05/18/2005		M		3,750 A \$ 10.26	9,750	D
Common Stock	05/18/2005		M		2,500 A \$ 9.5	12,250	D
Common Stock	05/18/2005		M		1,875 A \$ 14.25	14,125	D

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Common Stock 05/18/2005 S 14,125 D \$ 38 0 D

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

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(9-02)

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		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
					Acquired (A)	Disposed of (D)	Date Exercisable	Expiration Date		
Incentive Stock Option	\$ 5	05/18/2005		M	5,000		01/25/2001	10/25/2010	Common Stock	5,000
Incentive Stock Option	\$ 5.05	05/18/2005		M	1,000		10/01/2002	10/01/2011	Common Stock	1,000
Incentive Stock Option	\$ 9.5	05/18/2005		M	2,500		09/17/2003	09/17/2012	Common Stock	2,500
Non-Qualified Stock Option	\$ 10.26	05/18/2005		M	3,750		11/13/2002	11/13/2011	Common Stock	3,750
Non-Qualified Stock Option	\$ 14.25	05/18/2005		M	1,875		11/06/2004	11/06/2013	Common Stock	1,875

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LAVALLEE ROBERT H 35 CROSBY DRIVE BEDFORD, MA 01730			Vice President	

Signatures

Robert Lavallee

05/19/2005

**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).

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

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