

HOLOGIC INC  
Form 4  
February 21, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 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 \*  
WILSON WAYNE

(Last) (First) (Middle)  
250 CAMPUS DRIVE  
(Street)

MARLBOROUGH, MA 01752

(City) (State) (Zip)

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/13/2007

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)

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 (A) or Price (D)		
Common Stock <sup>(1)</sup>	11/13/2007		P		20 A \$ 62.705	2,186	D
Common Stock <sup>(1)</sup>	11/13/2007		P		25 A \$ 62.8299	2,211	D
Common Stock <sup>(1)</sup>	11/14/2007		P		11 A \$ 63.459	2,222	D
Common Stock <sup>(1)</sup>	11/16/2007		P		5 A \$ 64.9292	2,227	D
Common Stock <sup>(1)</sup>	12/04/2007		P		6 A \$ 62.7803	2,233	D
	01/31/2008		P		5 A	2,238	D

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Common Stock <sup>(1)</sup> \$ 62.3187

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

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SEC 1474 (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 Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Transaction (Instr. 5)
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
				Code V (A) (D)					

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WILSON WAYNE 250 CAMPUS DRIVE MARLBOROUGH, MA 01752	X			

## Signatures

By: Mark J. Casey, Attorney-In-Fact For: Wayne Wilson 02/21/2008

\_\_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 reporting person's purchases of a total of 72 shares reported herein at the prices and dates indicated herein were matchable under Section 16(b) of the Securities Exchange Act of 1934 with the reporting person's sale of 5,000 shares of Hologic, Inc. common stock on January 4, 2008 for \$71.77 per share. The reporting person has paid to Hologic, Inc. \$631.61, representing the full amount of profit realized in connection with the short-swing transaction.

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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