

HOLOGIC INC
Form 4
November 14, 2007

FORM 4

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

OMB APPROVAL

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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 *
SULLIVAN PATRICK J

(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)
11/09/2007

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 (D) Price			
Common Stock <u>(1)</u>	11/09/2007		M		60,000 A \$ 28.5	189,874	D	
Common Stock <u>(2)</u>	11/09/2007		S		60,000 D \$ 62.0538	129,874	D	
Common Stock <u>(1)</u>	11/12/2007		M		60,000 A \$ 28.5	189,874	D	
Common Stock <u>(2)</u>	11/12/2007		S		60,000 D \$ 61.819	129,874	D	
Common Stock <u>(1)</u>	11/13/2007		M		6,449 A \$ 28.5	136,323	D	
	11/13/2007		M		53,551 A \$ 31.62	189,874	D	

SULLIVAN PATRICK J
250 CAMPUS DRIVE X
MARLBOROUGH, MA 01752

Signatures

By: Mark J. Casey, Attorney-In-Fact For: Patrick J.
Sullivan

11/13/2007

__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) Issued under Issuer's 1995 Stock Plan in transactions exempt from Section 16 under Rule 16b-3.

(2) The sale reported on this Form 4 was made pursuant to a written trading plan adopted in accordance with SEC Rule 10b5-1 on September 14, 2007.

(3) Issued under Issuer's 2004 Omnibus Stock Plan in transactions exempt from Section 16 under Rule 16b-3.

(4) Price not applicable to this transaction.

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.