

HOLOGIC INC  
Form 4/A  
January 16, 2008

**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 \*  
SULLIVAN PATRICK J

(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)  
10/22/2007

4. If Amendment, Date Original Filed(Month/Day/Year)  
10/25/2007

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock <u>(1)</u>	10/22/2007		A		106,209	A	106,209
Common Stock <u>(2)</u>	10/22/2007		A		22,855	A	\$ 0 129,064

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

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

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(9-02)

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

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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 Security (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am Nun Sha
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 26.99	10/22/2007		A		282,847		10/22/2007	01/23/2011	Common Stock	28
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 28.51	10/22/2007		A		288,337		10/22/2007	01/30/2011	Common Stock	28
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 31.82	10/22/2007		A		381,305		10/22/2007	01/10/2012	Common Stock	38
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 14.05	10/22/2007		A		146,091		10/22/2007	08/19/2009	Common Stock	14
Incentive Stock Option <u>(3)</u> <u>(4)</u>	\$ 16.46	10/22/2007		A		12,156		10/22/2007	11/20/2009	Common Stock	12
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 16.46	10/22/2007		A		203,134		10/22/2007	11/20/2009	Common Stock	20
Incentive Stock Option <u>(3)</u> <u>(4)</u>	\$ 31.62	10/22/2007		A		3,162		10/22/2007	02/09/2011	Common Stock	3
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 31.62	10/22/2007		A		150,617		10/22/2007	02/09/2011	Common Stock	15
Incentive Stock Option <u>(3)</u> <u>(4)</u>	\$ 36.93	10/22/2007		A		2,708		10/22/2007	01/24/2012	Common Stock	2
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 36.93	10/22/2007		A		151,071		10/22/2007	01/24/2012	Common Stock	15
Incentive Stock Option <u>(3)</u> <u>(4)</u>	\$ 36.64	10/22/2007		A		2,728		10/22/2007	01/23/2013	Common Stock	2
Nonqualified Stock Option <u>(3)</u> <u>(4)</u>	\$ 36.64	10/22/2007		A		74,161		10/22/2007	01/23/2013	Common Stock	74

