

HOLOGIC INC  
Form 3  
October 24, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Doran Howard JR		(Month/Day/Year)	HOLOGIC INC [HOLX]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		10/23/2007		
35 CROSBY DRIVE			(Check all applicable)	6. Individual or Joint/Group Filing(Check Applicable Line)
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input type="checkbox"/> Form filed by More than One Reporting Person
			(give title below) (specify below)	
			PRESIDENT, CYTYC	
			DIAGNOSTICS	
BEDFORD, MA 01730				
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	937	D	

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

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				Shares		(I) (Instr. 5)	
Nonqualified Stock Option	10/22/2007	11/20/2013	Common Stock	1,922	\$ 16.45	D	Â
Nonqualified Stock Option	10/22/2007	01/03/2015	Common Stock	5,705	\$ 34.54	D	Â
Incentive Stock Option	10/22/2007	01/03/2015	Common Stock	3,905	\$ 34.55	D	Â
Incentive Stock Option	10/22/2007	02/09/2015	Common Stock	1,922	\$ 31.62	D	Â
Nonqualified Stock Option	10/22/2007	02/09/2015	Common Stock	1,922	\$ 31.62	D	Â
Incentive Stock Option	10/22/2007	01/24/2016	Common Stock	3,171	\$ 36.92	D	Â
Nonqualified Stock Option	10/22/2007	01/24/2016	Common Stock	12,207	\$ 36.92	D	Â
Incentive Stock Option	10/22/2007	01/26/2017	Common Stock	1,922	\$ 36.6	D	Â
Nonqualified Stock Option	10/22/2007	01/26/2017	Common Stock	5,766	\$ 36.6	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Doran Howard JR 35 CROSBY DRIVE BEDFORD, MA 01730	Â	Â	Â PRESIDENT, CYTYC DIAGNOSTICS	Â

## Signatures

/s/ Frances S. Crecco, Attorney-in-Fact For: Howard Doran, Jr.

10/24/2007

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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. 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.