Doran Howard JR Form 3/A January 16, 2008

FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement HOLOGIC INC [HOLX] A Doran Howard JR (Month/Day/Year) 10/22/2007 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 35 CROSBY DRIVE 10/24/2007 (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) Director 10% Owner _X_ Form filed by One Reporting _X__ Officer Other (give title below) (specify below) BEDFORD, MAÂ 01730 Form filed by More than One Pres., Hologic Diagnostic Prod. Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities (Instr. 4) Beneficially Owned Ownership Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Common Stock 937 D Â Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) 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.

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

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

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				Shares		(I) (Instr. 5)	
Nonqualified Stock Option $\underline{^{(1)}}$	10/22/2007	11/20/2009	Common Stock	1,922	\$ 16.46	D	Â
Nonqualified Stock Option (1)	10/22/2007	01/03/2015	Common Stock	5,705	\$ 34.55	D	Â
Incentive Stock Option (1)	10/22/2007	01/03/2015	Common Stock	3,905	\$ 34.55	D	Â
Incentive Stock Option (1)	10/22/2007	02/09/2011	Common Stock	1,922	\$ 31.62	D	Â
Nonqualified Stock Option (1)	10/22/2007	02/09/2011	Common Stock	1,922	\$ 31.62	D	Â
Incentive Stock Option (1)	10/22/2007	01/24/2012	Common Stock	3,170	\$ 36.93	D	Â
Nonqualified Stock Option $\underline{^{(1)}}$	10/22/2007	01/24/2012	Common Stock	12,207	\$ 36.93	D	Â
Incentive Stock Option (1)	10/22/2007	01/26/2013	Common Stock	1,922	\$ 36.6	D	Â
Nonqualified Stock Option (1)	10/22/2007	01/26/2013	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	Pres.,Hologic Diagnostic Prod.	Â	

Signatures

/s/ Mark J. Casey, Attorney-in-Fact For: Howard Doran, Jr. 01/15/2008

**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).
- (1) The amendments reported in this Form 3/A, including changes to the amount of securities underlying derivative securities, exercise price and expiration date carry through the Form 4 filed on December 10, 2007.

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.

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