HOLOGIC INC Form 4 January 08, 2008

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

1(b).

(Last)

(City)

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

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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)

250 CAMPUS DRIVE

1. Name and Address of Reporting Person * **CRAWFORD SALLY**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

HOLOGIC INC [HOLX]

(Check all applicable)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director 10% Owner Other (specify Officer (give title below)

01/04/2008

6. Individual or Joint/Group Filing(Check

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

MARLBOROUGH, MA 01752

(Street)

(State)

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	ırities Acqui	red, Disposed of,	or Beneficiall	y 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. Securi corr Dispo (Instr. 3,	sed of	` ′	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)
Common Stock (1)	01/04/2008		Code V M	Amount 360	(D)	Price \$ 25.28	14,134	D	
Common Stock (1)	01/04/2008		M	6,600	A	\$ 26.99	20,734	D	
Common Stock (2)	01/04/2008		S	6,960	D	\$ 71.7705	13,774	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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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. Transactic 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 Amour Underlying Securit (Instr. 3 and 4)	
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Share
Non-Que Stock Of (right to (1)	ption	\$ 25.28	01/04/2008		M	360	10/22/2007	01/02/2011	Common Stock	36
Non-Qua Stock Og (right to	ption	\$ 26.99	01/04/2008		M	6,600	10/22/2007	01/23/2011	Common Stock	6,6

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
CRAWFORD SALLY							
250 CAMPUS DRIVE	X						
MARLBOROUGH, MA 01752							

Signatures

By: Mark J. Casey, Attorney-In-Fact For: Sally W.
Crawford

01/08/2008

**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) Issued under Issuer's 1995 Director Stock Option 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 August 2, 2007.
- (3) Price not applicable to this transaction.
- (4) Due to a clerical error, the number of shares of Common Stock subject to this option grant was incorrectly reported on a Form 4 filed with the Commission on October 24, 2007 as 43,059. The correct number of shares of Common Stock subject to this option grant is 43,058. After giving effect to the exercises and sales of options reported on subsequent Forms 4 there are no remaining unexercised options, as is

Reporting Owners 2

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correctly stated herein.

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.