HOLOGIC INC Form 4 January 03, 2013

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Issuer

Form 4 or Form 5 obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

Symbol

1(b).

(Print or Type Responses)

CASCELLA ROBERT

1. Name and Address of Reporting Person *

			HOLOGIC INC [HOLX]				(Check all applicable)			
(Last) 35 CROSB	` ,	(f Earliest Tr Day/Year) 013	ransaction		_	_X Director _X Officer (give pelow)	10%	Owner
BEDFORD	(Street)			endment, Danth/Day/Year	U	1	- -	5. Individual or Joi Applicable Line) X_ Form filed by O Form filed by M Person	ne Reporting Pe	rson
(City)	(State)	(Zip)	Tabl	le I - Non-I	Derivative	Secur		ired, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution I any (Month/Day	Date, if	3. Transaction Code (Instr. 8)	4. Securition Dispose (Instr. 3, 4	ed of ((D)	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)	01/02/2013			Code V M	Amount 21,985	(D)	Price \$ 1.92	422,640	D	
Common Stock (1)	01/02/2013			S	21,985	D	\$ 20.395 (2)	400,655	D	
Common Stock								783	I	By Spouse

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

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(9-02)

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displays a currently valid OMB control number.

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	Execution Date, if any	Code	5. Number of orDerivative Securities	Expiration Da (Month/Day/Y	te	7. Title and Amou Underlying Securi (Instr. 3 and 4)	
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed (D) (Instr. 3, 4, and 5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of S
Non-qualified Stock Option (Right to Buy)	\$ 1.92	01/02/2013		M	21,98	5 02/17/2004	02/17/2013	Common Stock	21,

Reporting Owners

Reporting Owner Name / Address	Relationships						
.t	Director	10% Owner	Officer	Other			
CASCELLA ROBERT 35 CROSBY DRIVE	X		CEO and President				
BEDFORD, MA 01730							

Signatures

/s/ Mark J. Casey, Attorney-In-Fact for Robert A.
Cascella
01/03/2013

**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) The transaction reported herein was made pursuant to a written trading plan adopted in accordance with SEC Rule 10b5-1 on May 8, 2012.
- The price reported herein reflects a weighted average sale price. Actual sale prices ranged from \$20.29 to \$20.435, inclusive. The (2) Reporting Person undertakes to provide, upon request by the Commission staff, the Issuer, or a security holder of the Issuer, full disclosure with respect to the number of shares sold at each separate price.

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.

Reporting Owners 2