HOLOGIC INC Form 4 April 16, 2015

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
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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

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1(b).

(Print or Type Responses)

1. Name and Add Compton Eric	•	ing Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	(T)	0.51.11.	HOLOGIC INC [HOLX]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
35 CROSBY DRIVE			04/14/2015	X Officer (give title Other (specify below)			
				COO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
BEDFORD, MA 01730			• • • • • • • • • • • • • • • • • • •	_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acq	quired, Disposed of, or Beneficially Owned			

(City)	(State)	Zip) Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi on(A) or D			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	4 and	5)	Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership
		(Monday 10al)	(mstr. 0)		(A) or		Following Reported Transaction(s)	(Instr. 4)	(Instr. 4)
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock	04/14/2015		M	4,188	A	\$ 33.18	4,983	D	
Common Stock	04/14/2015		F	1,340 (1)	D	\$ 33.18	3,643	D	

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

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SEC 1474

(9-02)

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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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exer Expiration D (Month/Day)	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Unit Award (Right To Receive)	\$ 0	04/14/2015		M	4,188	(2)	04/14/2018	Common Stock	4,188

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

Compton Eric B.

35 CROSBY DRIVE COO

BEDFORD, MA 01730

Signatures

/s/ Anne M. Liddy, Attorney-In-Fact for Eric B. Compton

04/16/2015

**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 reflects the disposition of 1,340 shares of common stock to satisfy tax withholding obligations in connection with the vesting of a portion of restricted stock units previously awarded to the Reporting Person on April 14, 2014.
- (2) These shares represent restricted stock units (RSUs) awarded to the Reporting Person pursuant to the 2008 Equity Incentive Plan and are subject to vesting as provided in the agreement evidencing the award.

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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