HOLOGIC INC Form 4 August 18, 2015

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

Expires: STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, 2005

Form 5 obligations may continue. **SECURITIES**

Estimated average burden hours per response... 0.5

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 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * WILSON WAYNE			2. Issuer Name and Ticker or Trading Symbol HOLOGIC INC [HOLX]	5. Relationship of Reporting Person(s) t Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
35 CROSBY	ORIVE		(Month/Day/Year) 08/14/2015	X Director 10% Owner Officer (give title below) Other (specibelow)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
BEDFORD,	MA 01730		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

BEDFORD,	MA	01730
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(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secui	rities Acquii	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. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed 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	08/14/2015		M	13,257	A	\$ 17.51	52,472	D	
Common Stock	08/14/2015		S	13,257	D	\$ 42.1989	39,215	D	

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

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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. Transaction Code (Instr. 8)	orDeriv Secur Acqu	rities ired (A) sposed of . 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securiti (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Non-qualified Stock Option (Right to Buy)	\$ 17.51	08/14/2015		M		13,257	(2)	01/01/2019	Common Stock	13,2

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
WILSON WAYNE 35 CROSBY DRIVE BEDFORD, MA 01730	X						

Signatures

/s/ Anne M. Liddy, Attorney-In-Fact for Wayne
Wilson

08/18/2015

**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).
- The price reported is the weighted average price per share. Shares were sold in multiple transactions at prices ranging from \$42.1700 to (1) \$42.2550 per share. The Reporting Person will provide, upon request by the Commission staff, the Issuer, or a securityholder of the Issuer, full information regarding the number of shares sold at each price.
- (2) The option became fully vested on January 1, 2013.

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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