HOLOGIC INC Form 4 June 02, 2014

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

response...

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 Person * Casey Mark J			2. Issuer Name and Ticker or Trading Symbol HOLOGIC INC [HOLX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Chech an appheacie)		
35 CROSBY D	RIVE		(Month/Day/Year) 05/29/2014	Director 10% Owner _X_ Officer (give title Other (specify below) SVP, CAO, GC & Secretary		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
BEDFORD, M.	A 01730		Filed(Month/Day/Year)	Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One Reporting Person		

	(City)	(State)	(Zip) Table	e I - Non-D	erivative :	Secur	ities Acqı	uired, Disposed of	, or Beneficiall	y Owned
5	.Title of Security Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
	Common Stock	05/29/2014		M	8,000	A	\$ 14.5	22,470	D	
	Common Stock	05/29/2014		S	8,000	D	\$ 24.21 (1)	14,470	D	
	Common Stock	05/29/2014		M	1,814	A	\$ 14.87	16,284	D	
	Common Stock	05/29/2014		S	1,814	D	\$ 24.2	14,470	D	
	Common Stock	05/29/2014		M	1,814	A	\$ 14.87	16,284	D	

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Common Stock	05/29/2014	S	1,814	D	\$ 24.2 14,470	D
Common Stock	05/29/2014	M	8,243	A	\$ 15.75 22,713	D
Common Stock	05/29/2014	S	8,243	D	\$ 24.2 14,470	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)

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)	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 Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shares
Non-qualified Stock Option (Right to Buy)	\$ 14.5	05/29/2014		M	8,000	(2)	11/13/2015	Common Stock	8,000
Non-qualified Stock Option (Right to Buy)	\$ 14.87	05/29/2014		M	1,814	(3)	01/16/2015	Common Stock	1,814
Non-qualified Stock Option (Right to Buy)	\$ 14.87	05/29/2014		M	1,814	<u>(4)</u>	01/16/2015	Common Stock	1,814
Non-qualified Stock Option (Right to Buy)	\$ 15.75	05/29/2014		M	8,243	<u>(5)</u>	11/11/2016	Common Stock	8,243

Reporting Owners

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

Reporting Owners 2

Casey Mark J 35 CROSBY DRIVE BEDFORD, MA 01730

SVP, CAO, GC & Secretary

Signatures

/s/ Mark J. 06/02/2014 Casey

**Signature of Date
Reporting Person

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 transaction reported herein reflects an aggregate of sales at prices ranging from \$24.21 and \$24.211, inclusive. The Reporting Person
- (1) further 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.
- (2) The option becomes exercisable in five equal annual installments beginning November 13, 2009
- (3) The option becomes exercisable in five equal annual installments beginning January 16, 2009.
- (4) The option becomes exercisable in five equal annual installments beginning January 16, 2009.
- (5) The option becomes exercisable in five equal annual installments beginning November 11, 2010.

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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