HOLOGIC INC Form 4 April 14, 2017

FORM 4

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

Check this box if no longer

subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction 1(b).

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)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

5. Relationship of Reporting Person(s) to

0.5

Levy Lawrence M			Symbol	Issuer (Check all applicable)		
			HOLOGIC INC [HOLX]			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	`		
250 CAMPUS DRIVE			(Month/Day/Year) 04/12/2017	_X_ Director 10% Owner Officer (give title below) Other (specify below)		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
MARLBOR	ROUGH, MA	01752		Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-D	Derivative	Secui	rities Acqu	ired, 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 on(A) or D (Instr. 3,	ispose 4 and (A) or	d 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	04/12/2017		S(1)	1,500	D	\$ 42.51	24,596	D	
Common Stock	04/12/2017		M(1)	9,257	A	\$ 32.815	33,853	D	
Common Stock	04/12/2017		S <u>(1)</u>	9,257	D	\$ 42.443 (2)	24,596	D	
Common Stock	04/13/2017		M(1)	2,743	A	\$ 32.815	27,339 (3)	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 on 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 Amoun Underlying Securiti (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amor or Numl of Share
Non-qualified Stock Option (Right to Buy)	\$ 32.815	04/12/2017		M <u>(1)</u>	9,257	01/01/2008	10/22/2017	Common Stock	9,2:
Non-qualified Stock Option (Right to Buy)	\$ 32.815	04/13/2017		M <u>(1)</u>	2,743	01/01/2008	10/22/2017	Common Stock	2,74

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Levy Lawrence M							
250 CAMPUS DRIVE	X						

MARLBOROUGH, MA 01752

Signatures

/s/ Patricia K. Dolan, attorney-in-fact for Mr.

Levy 04/14/2017

**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) Transaction pursuant to an existing Rule 10b5-1 trading plan.
 - The price reported is the weighted average price per share. Shares were sold in multiple transactions at prices ranging from \$42.30 to
- (2) \$42.55 per share. The Reporting Person will provide, upon request by the Commission staff, the Issuer or a security holder of the Issuer, full information regarding the number of shares sold at each price.

Reporting Owners 2

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(3) Includes 2,427 shares subject to deferral pursuant to the Issuer's Deferred Equity Plan.

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