Levy Lawrence M Form 4 October 10, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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response...

5. Relationship of Reporting Person(s) to

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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(b).

(City)

Levy Lawrence M Issuer Symbol HOLOGIC INC [HOLX] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Other (specify Officer (give title 250 CAMPUS DRIVE 10/09/2017

2. Issuer Name and Ticker or Trading

below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

> Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

MARLBOROUGH, MA 01752

(State)

1. Name and Address of Reporting Person *

(City)	(State)	Table Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly 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. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
		(4.20.14.12.4), 104.1)	Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	10/09/2017		S <u>(1)</u>	7,138	D	\$ 37.38	29,437 (2)	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)

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	1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exercis		7. Title and	8. Price of	9. Nu
Security (Instr. 3)		Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transacti Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	;		Amount of Underlying Securities (Instr. 3 and 4	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
					Code V	ĺ		Expiration Date	Title Amour or Numbe of Shares	er	

Reporting Owners

Reporting Owner Name / Address Relationships

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 10/10/2017

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

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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