Valenti Peter J. III Form 4 November 14, 2018

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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response... 0.5

if no longer subject to Section 16. Form 4 or

Check this box

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

1(b).

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Valenti Peter J. III Issuer Symbol HOLOGIC INC [HOLX] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 250 CAMPUS DRIVE 11/12/2018 below) Division Pres., Breast Health (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

MARLBOROUGH, MA 01752

(State)

(Zip)

(- 3)	()	1 able 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	5. Amount of	6. Ownership	7. Nature of						
Security	(Month/Day/Year)	Execution Date, if	Transactio	onAcquired (A) or	Securities	Form: Direct	Indirect						
(Instr. 3)		any	Code	Disposed of (D)	Beneficially	(D) or	Beneficial						
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)	Owned	Indirect (I)	Ownership						
					Following	(Instr. 4)	(Instr. 4)						
				/ A N	Reported								
				(A)	Transaction(s)								
			$\alpha + w$	or	(Instr. 3 and 4)								
_			Code V	Amount (D) Price									
Common	11/12/2018		A	8,542 A (2)	65,422 (3)	D							
Stock	11/12/2010		11	<u>(1)</u>	03,722 <u>~</u>	D							

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

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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 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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day/	ate	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)	\$ 40.97	11/12/2018		A	26,080	<u>(4)</u>	11/12/2028	Common Stock	26,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Valenti Peter J. III 250 CAMPUS DRIVE MARLBOROUGH, MA 01752

Division Pres., Breast Health

Signatures

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

11/14/2018

**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) Represents restricted stock units which vest in equal installments on each of the first three anniversaries of the grant date, November 12, 2018
- (2) Restricted stock units are settled in shares of common stock on a one-for-one basis.
- (3) Includes 20,644 restricted stock units/performance stock units, the settlement of which has been deferred pursuant to the Issuer's Deferred Equity Plan.
- (4) This option to purchase common stock becomes exercisable in equal installments on each of the first four anniversaries of the grant date, November 12, 2018.

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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