MACMILLAN STEPHEN P

Form 4

December 05, 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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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).

(Print or Type Responses)

1. Name and Address of Reporting Person * MACMILLAN STEPHEN P			2. Issuer Name and Ticker or Trading Symbol HOLOGIC INC [HOLX]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
250 CAMPUS DRIVE			(Month/Day/Year) 12/01/2017	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman, President and CEO		
(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		
MARLBOROUGH, MA 01752				Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - Non-E	Derivative S	Securi	ities Acqu	iired, 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 on(A) or Dis (Instr. 3, 4	sposed	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	12/01/2017		F	9,038	D D	\$ 40.85	1,321,177 (1)	D	
Common Stock	12/01/2017		A	50,746	A	(2)	1,371,923 (1)	D	
Common Stock	12/01/2017		A	23,616 (3)	A	<u>(2)</u>	1,395,539 (1)	D	

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

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number.

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. Transactio Code (Instr. 8)	5. Number of 6. Date Exercisable and Expiration Date (Month/Day/Year) 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		7. Title and Amou Underlying Securi (Instr. 3 and 4)		
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo Nun Shar
Non-qualified Stock Option (Right to Buy)	\$ 40.85	12/01/2017		A	159,339	<u>(4)</u>	12/01/2027	Common Stock	159
Non-qualified Stock Option (Right to Buy)	\$ 40.85	12/01/2017		A	768,639	<u>(4)</u>	12/01/2027	Common Stock	768

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 9	Director	10% Owner	Officer	Other			
MACMILLAN STEPHEN P			Chairman,				
250 CAMPUS DRIVE	X		President and				
MARLBOROUGH, MA 01752			CEO				

Signatures

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

12/05/2017

**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) Includes 898,420 restricted stock units, the settlement of which has been deferred pursuant to the Issuer's Deferred Equity Plan.
- (2) Restricted stock units are settled in shares of common stock on a one-for-one basis.
- (3) Represents Matching RSUs granted to the Reporting Person which vest in one installment on the third anniversary of the grant date.
- (4) This option to purchase common stock becomes exercisable in equal installments on each of the first four anniversaries of the grant date. 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.

Reporting Owners 2