Bebo Allison P Form 3 September 21, 2017

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB Number:

3235-0104

Expires:

January 31, 2005

Estimated average burden hours per

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person 2. Date of Event 3. Issuer Name and Ticker or Trading Symbol Requiring Statement HOLOGIC INC [HOLX] Bebo Allison P (Month/Day/Year) 09/13/2017 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 250 CAMPUS DRIVE (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer Other Person (give title below) (specify below) MARLBOROUGH, MAÂ 01752 Form filed by More than One SVP, Human Resources Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) D Â Common Stock 15,473 (1) (2) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

 $Table\ II\ -\ Derivative\ Securities\ Beneficially\ Owned\ (\textit{e.g.},\ puts,\ calls,\ warrants,\ options,\ convertible\ securities)$

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership
			(Instr. 4)		Derivative	Security:	(Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Security	Direct (D) or Indirect	

Edgar Filing: Bebo Allison P - Form 3

				Shares		(I) (Instr. 5)	
Non-qualified Stock Option (Right to Buy)	(3)	11/05/2025	Common Stock	9,541	\$ 39.96	D	Â
Non-qualified Stock Option (Right to Buy)	(3)	12/01/2026	Common Stock	10,775	\$ 37.64	D	Â
Non-qualified Stock Option (Right to Buy)	(4)	03/01/2025	Common Stock	9,065	\$ 32.38	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
coporting of the state of state of	Director	10% Owner	Officer	Other		
Bebo Allison P 250 CAMPUS DRIVE MARLBOROUGH Â MAÂ 01752	Â	Â	SVP, Human Resources	Â		

Signatures

/s/ Patricia K. Dolan, attorney-in-fact for Ms.
Bebo 09/21/2017

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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 Restricted Stock Units (RSUs) which vest in equal installments on each of the first three or four anniversaries of the grant date and are settled in shares of common stock.
- (2) Includes 4,736 shares or RSUs subject to deferral pursuant to the Issuer's Deferred Equity Plan.
- (3) This option to purchase common stock becomes exercisable in equal installments on each of the first four anniversaries of the grant date.
- (4) This option to purchase common stock becomes exercisable in equal installments on each of the first five 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