HOLOGIC INC Form 4

November 17, 2008

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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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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * SOLTANI PETER			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			HOLOGIC INC [HOLX]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
35 CROSBY DRIVE			11/13/2008	X Officer (give title Other (specify below)			
				VP, DRC & Breast Imaging			
(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			
BEDFORD, MA 01730				Form filed by More than One Reporting Person			
(City)	(Ctata)	(7:n)					

(City)	(State)	Table Table	I - Non-Do	erivative Securities Ac	quired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if		4. Securities Acquired on(A) or Disposed of	Securities	6. Ownership Form: Direct	Indirect
(Instr. 3)		any	Code	(D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)	Owned	Indirect (I)	Ownership
					Following	(Instr. 4)	(Instr. 4)
				(4)	Reported		
				(A)	Transaction(s)		
			Code V	or Amount (D) Price	(Instr. 3 and 4)		
Common Stock (1)	11/13/2008		A	13,000 A \$0	33,452 <u>(2)</u>	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 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 o (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration E (Month/Day	Pate	7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (right to buy)	\$ 14.5	11/13/2008		A	40,000	(3)	11/13/2015	Common Stock	40,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SOLTANI PETER 35 CROSBY DRIVE BEDFORD, MA 01730

VP, DRC & Breast Imaging

Signatures

By: Mark J. Casey, Attorney-In-Fact For: Peter K. Soltani

11/17/2008

**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) These shares represent restricted stock units (RSUs) awarded to the Reporting Person pursuant to the 2008 Equity Incentive Plan and are subject to vesting as provided in the agreement evidencing the award.
- On April 2, 2008, the Issuer effected a two-for-one stock split in the form of a dividend of one share of common stock for each share of common stock outstanding ("Stock Split"). As a result of the stock dividend, the Reporting Person received 10,226 shares of common stock.
- (3) The option becomes exercisable in five equal annual installments beginning November 13, 2009

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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