

LEVANGIE DANIEL J  
Form 4  
December 10, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person \*  
LEVANGIE DANIEL J

2. Issuer Name and Ticker or Trading Symbol  
HOLOGIC INC [HOLX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
250 CAMPUS DRIVE  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
10/24/2007

Director  10% Owner  
 Officer (give title below)  Other (specify below)

MARLBOROUGH, MA 01752

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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)	
			Code	V	Amount	(A) or (D)				Price
Common Stock <u>(1)</u>	10/24/2007		M		73,814	A	\$ 16.45	80,148	D	
Common Stock <u>(2)</u>	10/24/2007		M		26,186	A	\$ 31.62	106,334	D	
Common Stock <u>(3)</u>	10/24/2007		S		100,000	D	\$ 65.7675	6,334	D	
Common Stock <u>(2)</u>	10/25/2007		M		31,481	A	\$ 31.62	37,815	D	
Common Stock <u>(2)</u>	10/25/2007		M		2,708	A	\$ 36.92	40,523	D	
	10/25/2007		M		65,811	A	\$ 36.92	106,334	D	

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Common Stock <u>(2)</u>							
Common Stock <u>(3)</u>	10/25/2007	S	100,000	D	\$ 66.2813	6,334	D
Common Stock <u>(2)</u>	10/26/2007	M	17,982	A	\$ 36.92	24,316	D
Common Stock <u>(2)</u>	10/26/2007	M	2,728	A	\$ 36.64	27,044	D
Common Stock <u>(2)</u>	10/26/2007	M	2,728	A	\$ 36.65	29,772	D
Common Stock <u>(2)</u>	10/26/2007	M	44,521	A	\$ 36.64	74,293	D
Common Stock <u>(3)</u>	10/26/2007	S	67,959	D	\$ 65.9815	6,334	D

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

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SEC 1474  
(9-02)

**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	Am or Num of S	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Non-Qualified Stock Option (right to buy) <u>(1)</u>	\$ 16.45	10/24/2007		M	73,814	10/22/2007	11/20/2013	Common Stock	73
Non-Qualified Stock Option (right to buy) <u>(2)</u>	\$ 31.62	10/24/2007		M	26,186	10/22/2007	02/09/2015	Common Stock	26
Non-Qualified Stock Option (right to buy)	\$ 31.62	10/25/2007		M	31,481	10/22/2007	02/09/2015	Common Stock	31



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- (3) The sale reported on this Form 4 was made pursuant to a written trading plan adopted in accordance with SEC Rule 10b5-1 on August 1, 2007.
- (4) Price not applicable to this transaction.

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