HOLOGIC INC Form 4 March 01, 2005

FORM 4

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

OMB APPROVAL OMB 3235-0287

Number:

Expires:

5. Relationship of Reporting Person(s) to

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

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

2. Issuer Name and Ticker or Trading

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

(Print or Type Responses)

1. Name and Address of Reporting Person *

1(b).

CUMMING JOHN W		Symbol HOLOGIC INC [HOLX]						Issuer			
(Last) 35 CROSB	(Last) (First) (Middle) 3. Date of (Month/I			Date of Earliest Transaction onth/Day/Year) /25/2005					(Check all applicable) _X_ Director 10% Owner _X_ Officer (give title Other (specify below) below) Chairman and CEO		
BEDFORD	(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 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 De (Month/Day/Yea	r) Execution	med on Date, if Day/Year)	3. Transact Code (Instr. 8)	(Instr.	Dispo 3, 4 ar	osed (and 5) (A) or	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	02/25/2005			Code V	7 Amo		D)	Price \$ 5.625	36,320	D	
Common Stock	02/25/2005			M	55,00	0 A	A	\$ 5	91,320	D	
Common Stock	02/25/2005			S	85,00	0 Г)	\$ 38.41	6,320	D	
Common Stock	02/28/2005			M	15,00	0 A	\	\$ 5	21,320	D	
Common Stock	02/28/2005			M	50,00	0 A	A	\$ 5.78	71,320	D	

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Common Stock 02/28/2005 S 65,000 D \$ 6,320 D

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

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(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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am or Nui of S
Non-Qualified Stock Option	\$ 5	02/25/2005		M	55,000	01/25/2001	10/25/2010	Common Stock	55
Non-Qualified Stock Option	\$ 5	02/28/2005		M	15,000	01/25/2001	10/25/2010	Common Stock	15
Non-Qualified Stock Option	\$ 5.625	02/25/2005		M	30,000	06/25/1999	06/25/2009	Common Stock	30
Non-Qualified Stock Option	\$ 5.78	02/28/2005		M	50,000	10/31/2001	07/31/2011	Common Stock	50

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
CUMMING JOHN W 35 CROSBY DRIVE BEDFORD, MA 01730	X		Chairman and CEO				

Signatures

John Cumming	03/01/2005
**Signature of	Date

Reporting Owners 2

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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).

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.