LAVANCE DAVID R JR

Form 4 January 04, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2 Jaguar Nama and Tiakar or Trading

OMB Number:

5 Relationship of Reporting Person(s) to

3235-0287

0.5

January 31, Expires: 2005

OMB APPROVAL

Estimated average response...

burden hours per

if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1. Name and Address of Reporting Person *

1(b).

LAVANCE 1	Symbol	Symbol HOLOGIC INC [HOLX]				Issuer (Check all applicable)			
(Last) 35 CROSBY		(Month/D	3. Date of Earliest Transaction (Month/Day/Year) 01/01/2010			_X_ Director Officer (giv	109	6 Owner er (specify	
BEDFORD,		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	e I - Non-Do	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	e 2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securion Acquired Disposed (Instr. 3,	l (A) o l 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 (1)	01/01/2010		A	6,034	A	\$0	12,728	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. 5. Number of TransactionDerivative			6. Date Exercisable and Expiration Date		7. Title and Amour Underlying Securit	
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monan Day) Tean)	any (Month/Day/Year)	ny Code Securities (Mo		(Month/Day/	Expiration Date Un (Month/Day/Year) (In			
				Code V	(A) (I	D) Date Exercisable	Expiration Date	Title	Amo or Num of Sh	
Non-Qualified Stock Option (right to buy)	\$ 14.5	01/01/2010		A	16,071	(2)	01/01/2017	Common Stock	16,0	

Reporting Owners

Reporting Owner Name / Address	Relationships					
Fg - m	Director	10% Owner	Officer Other			
LAVANCE DAVID R JR						
35 CROSBY DRIVE	X					
BEDFORD, MA 01730						

Signatures

By: Mark J. Casey, Attorney-In-Fact For: David R.
LaVance, Jr.

01/04/2010

**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.
- (2) The option becomes fully vested on January 1, 2011.

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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