Anstice Martin B Form 4 May 12, 2011

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

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Check this box if no longer subject to Section 16. Form 4 or Expires: January 31, VARENTEICIAL OWNERSHIP OF 2005

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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

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

1(b).

Common

Stock

05/10/2011

Form 5

obligations

may continue.

(Print or Type Responses)

1. Name and Address of Reporting Person * Anstice Martin B			ssuer Name and Ticker or Trading ool M RESEARCH CORP [LRCX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First) (, , , , , , , , , , , , , , , , , , , ,	te of Earliest Transaction	• • • • • • • • • • • • • • • • • • • •			
4300 CUSHING PARKWAY			th/Day/Year) 0/2011	Director 10% Owner _X Officer (give title Other (specify below) President & COO			
	(Street)	4. If A	Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
FREMON	Γ, CA 94538	Filed((Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip) T	Table I - Non-Derivative Securities A	cquired, Disposed of, or Beneficially Owned			
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, any (Month/Day/Yea	Code (Instr. 3, 4 and 5)	Securities Ownership Indirect Beneficially Form: Beneficial Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)			
Common Stock	05/10/2011		M 10,000 A \$ 20	.21 0 D			

10.000 D

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

S

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SEC 1474

(9-02)

48.027 67.768

(1)

D

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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)		tive ies ed (A) oosed of	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 20.21	05/10/2011		M	1	0,000	02/26/2011	02/26/2014	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

Anstice Martin B

4300 CUSHING PARKWAY President & COO

FREMONT, CA 94538

Signatures

Kym Hall by Power of Attorney 05/12/2011

**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) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$48.01 \$48.09, inclusive.

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