

Larocca Christopher M
 Form 4
 February 15, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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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 *
 Larocca Christopher M

2. Issuer Name and Ticker or Trading Symbol
 EMCORE CORP [EMKR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 10420 RESEARCH ROAD SE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/14/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Chief Operating Officer

ALBUQUERQUE, NM 87123
 (City) (State) (Zip)

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

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 (Instr. 8)	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 Ownership (Instr. 4)
			Code	V Amount (D) Price			
Emcore Common Stock	02/14/2012		M	12,000 A <u>11</u>	107,381	D	
Emcore Common Stock					22,319	I	By Trust 401(k)

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)

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 Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Restricted Stock Units	(1)	02/14/2012		M	12,000	(2) (3)	Emcore Common Stock	12,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Larocca Christopher M 10420 RESEARCH ROAD SE ALBUQUERQUE, NM 87123			Chief Operating Officer	

Signatures

Alfredo Gomez,
attorney-in-fact

02/15/2012

__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) Each restricted stock unit represents a contingent right to receive one share of Emcore common stock. Restricted stock units are payable, at the election of the issuer, in cash, Emcore common stock, or a combination of the two.

(2) 12,000 restricted stock units vesting on February 14, 2012.

(3) Vests in three equal installments on December 6, 2012; December 6, 2013; and December 6, 2014. Not later than 30 days after vesting occurs, vested shares of Emcore common stock, an amount in cash equal to their fair market value or a combination of both will be delivered to the reporting person.

(4) The restricted stock units were awarded to the reporting person for no cash or other similar consideration.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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