Larocca Christopher M Form 4 June 04, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Larocca Christopher M

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) (Last)

(Street)

(State)

3. Date of Earliest Transaction

(Month/Day/Year)

05/29/2009

EMCORE CORP [EMKR]

(Check all applicable) Director 10% Owner

C/O EMCORE

CORPORATION, 10420 RESEARCH ROAD SE

X_ Officer (give title Other (specify below) Chief Operating Officer

4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

ALBUQUERQUE, NM 87123

(City)

Derivative

Conversion

X Form filed by One Reporting Person Form filed by More than One Reporting

1. Title of 2. Transaction Date 2A. Deemed 3. Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Zip)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned (I) Ownership (Instr. 4) Following (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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)

3. Transaction Date 3A. Deemed 1. Title of

5. 6. Date Exercisable and (Month/Day/Year) Execution Date, if TransactionNumber **Expiration Date**

7. Title and Amount of **Underlying Securities**

1

8. I

Dei

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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	S	Year)	(Instr. 3 and	4)
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 1.31				<u>(1)</u>	05/29/2019	Common Stock	200,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Larocca Christopher M C/O EMCORE CORPORATION 10420 RESEARCH ROAD SE ALBUQUERQUE, NM 87123

Chief Operating Officer

Signatures

/s/ Christopher M. Uarocca 06/04/2009

**Signature of Reporting 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) This option vests annually in four equal tranches beginning on 5/29/2010.

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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