#### **EMCORE CORP**

Form 4

February 27, 2008

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB 3235-0287 Number:

**OMB APPROVAL** 

Expires:

January 31, 2005

Estimated average

Form filed by More than One Reporting

Person

burden hours per response... 0.5

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person RICHARDS REUBEN F JR	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Middle)	EMCORE CORP [EMKR]  3. Date of Earliest Transaction	(Check all applicable)			
EMCORE CORPORATION, 10420	(Month/Day/Year) 02/25/2008	X Director 10% OwnerX Officer (give title Other (specify			
RESEARCH ROAD, SE	<b>02/20/2</b>	below) below) CEO			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			

### ALBUQUERQUE, NM 87123

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquii	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispos (Instr. 3,	ed of (	` ′	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	02/25/2008		M	65,000	A	\$ 6.785	544,554	D	
Common Stock	02/25/2008		S	45,000	D	\$ 11.5406	499,554	D	
Common Stock	02/26/2008		M	35,000	A	\$ 6.785	534,554	D	
Common Stock	02/26/2008		S	30,000	D	\$ 12.3637	504,554	D	
Common Stock							175,000	I	By spouse

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		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)	\$ 6.785	02/25/2008		M	65,000	<u>(1)</u>	02/27/2008	Common Stock	65,000
Stock Option (right to buy)	\$ 6.785	02/26/2008		M	35,000	<u>(1)</u>	02/27/2008	Common Stock	35,000

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
RICHARDS REUBEN F JR							
EMCORE CORPORATION	X		CEO				
10420 RESEARCH ROAD, SE	Λ		CEO				
ALBUQUERQUE, NM 87123							

# **Signatures**

Reuben F.

Richards, Jr. 02/27/2008

\*\*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) Options are fully vested.

Reporting Owners 2

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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.