

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

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1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
<u>RICHARDS REUBEN F JR</u> (Last) (First) (Middle) <u>C/O EMCORE CORP</u> <u>10420 RESEARCH ROAD SE</u> (Street) <u>ALBUQUERQUE NM</u> <u>87123</u> (City) (State) (Zip)			<u>EMCORE CORP</u> [<u>EMKR</u>] 3. Date of Earliest Transaction (Month/Day/Year) <u>09/30/2012</u>		X Director 10% Owner X Officer (give title below) Other (specify below) <u>Exec Chairman & Chair of Board</u>	
			4. If Amendment, Date of 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	

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	09/30/2012		M		8,333	A	(1)	145,074	D	
Common Stock	09/30/2012		M		17,812	A	(1)	162,886	D	
Common Stock	09/30/2012		M		10,000	A	(1)	172,886	D	
Common Stock								43,750	I	By Spouse
Common Stock								2,500	I	By Spouse In Pension Fund
Common Stock								2,500	I	By Trust For Benefit Of Daughter

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	(1)	09/30/2012		M			8,333	(2)	09/30/2015	Common Stock	8,333	(3)	0	D	
Restricted Stock Units	(1)	09/30/2012		M			17,812	(2)	09/30/2015	Common Stock	17,812	(3)	0	D	
Restricted Stock Units	(1)	09/30/2012		M			10,000	(2)	09/30/2015	Common Stock	10,000	(3)	0	D	

Explanation of Responses:

- Each restricted stock unit represented a contingent right to receive one share of Emcore common stock. Restricted stock units were payable, at the election of the Issuer, in cash, Emcore common stock, or a combination of the two. On September 30, 2012, the Issuer settled the restricted stock units in common stock.
- Pursuant to a general separation and release agreement, dated August 6, 2012, between the Issuer and the Reporting Person, all outstanding restricted stock units of the Reporting Person vested on September 30, 2012, in conjunction with the Reporting Person's separation from the Issuer.
- The restricted stock units were awarded to the reporting person for no cash or other similar consideration.

Remarks:

/s/ Alfredo Gomez, attorney-in-fact 10/02/2012

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

* 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).

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

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 Number.