## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.	C. 20549
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

**OMB APPROVAL** OMB Number: Estimated average burden hours per response: 0.5

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

1. Name and Address of Reporting Person* RICHARDS REUBEN F JR					2. Issuer Name and Ticker or Trading Symbol EMCORE CORP [ EMKR ]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner					
CORE COR	LP .	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 09/30/2012								X Officer (give title below) Other (sp. below)  Exec Chairman & Chair of Board					
(Street) ALBUQUERQUE NM 87123			4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								G. Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person						
(Si							_											
Table I - Non  1. Title of Security (Instr. 3)				2. Transaction Date		n 2A. Deemed Execution Date, if any		3. 4. Securi Transaction Disposed Code (Instr. 5)		rities Acquired (A) or		5. Amount of Securities Beneficially		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership		
						(memanalay, real)		<del>                                      </del>		Amount	(A) or Price		Reported		, , , , ,		(Instr. 4)	
Stock			/2012			М		8,333	3 A (1)		145,074		D					
mon Stock 09/3			09/30	1/2012			М		17,81	2 A	(1)	162	62,886		D_			
Stock	09		09/30	09/30/2012				М		10,00	0 A	(1)	172,886		D			
Stock													43,	43,750			By Spouse	
Common Stock												2,5	2,500		I   1	By Spouse In Pension Fund		
Common Stock												2,5	2,500		I 1	By Trust For Benefit Of Daughter		
	7	Гable II - I	Derivat	tive s	Secu	uritie	es Acq	uired, D	ispo	sed of,	or Bene	eficially	Owned					
rivative Conversion Date Executity or Exercise (Month/Day/Year) if an		3A. Deemed Execution I if any	d 4. Date, Tr	ransac	ransaction of ode (Instr. Se Ac (A Dis		5. Number 6. of Ex		6. Date Exercisable and Expiration Date		7. Title and Amo of Securities Underlying			derivative Securities Beneficia Owned Following Reported	e s Illy I	Ownership Form: Direct (D) or Indirect	Beneficial Ownership (Instr. 4)	
			С	Code	v	(A)	(D)	Date Exercisab			Title	Amount or Number of Shares						
(1)	09/30/2012			M			8,333	(2)	0	9/30/2015	Common Stock	8,333	(3)	0		D		
(1)	09/30/2012			M			17,812	(2)	0	9/30/2015	Common Stock	17,812	(3)	0		D		
(1)	09/30/2012			M			10,000	(2)		9/30/2015	Common	10,000	(3)	0		D		
	(Fictorial Core Core Core Core Core Core Core Core	(First) CORE CORP SEARCH ROAD SE  JERQUE NM  (State)  Tab ecurity (Instr. 3)  Stock Stock Stock Stock Stock  Stock  Stock  (Month/Day/Year)  (1)  (1)  (1)  (1)  (9)/30/2012	(First) (Middle) CORE CORP CSEARCH ROAD SE  JERQUE NM 87123  (State) (Zip)  Table I - Norecurity (Instr. 3)  Stock Stock Stock Stock Stock  Stock  Stock  Stock  Stock  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)  (Amonth/Day/Year)	(First) (Middle) CORE CORP SEARCH ROAD SE  JERQUE NM 87123  (State) (Zip)  Table I - Non-Deriv ecurity (Instr. 3)  Stock 09/30 Stock 09/30 Stock 09/30 Stock 09/30 Stock  Stock 109/30 Stoc	(First) (Middle) CORE CORP SEARCH ROAD SE  Table I - Non-Derivative ecurity (Instr. 3)  Table II - Derivative Stock  Stock  Table II - Derivative (e.g., puts, price of Precivative Security  (Month/Day/Year)  Table II - Derivative (e.g., puts, if any (Month/Day/Year)  Conversion or Exercise Price of Price of Price value (Month/Day/Year)  Stock  Table II - Derivative (e.g., puts, if any (Month/Day/Year)  Conversion Of Exercise Price value (Month/Day/Year)  Code (Month/Day/Year)  Code (Month/Day/Year)  Code (Month/Day/Year)  A Transaction Code (Month/Day/Year)  Code (Month/Day/Year)  Code (Month/Day/Year)  Code (Month/Day/Year)	(First) (Middle) CORE CORP SEARCH ROAD SE  Table I - Non-Derivative Security (Instr. 3)  Table II - Derivative Security  Table II - Derivative Security  Stock  Table II - Derivative Security  Table II - Derivative Security  A. If Ame  Table II - Derivative Security  Stock  Table II - Derivative Security  A. Transaction Date (Month/Day/Year)  A. Table II - Derivative Security  A. Transaction Core Security  A. Transaction Date (Month/Day/Year)  Stock  Table II - Derivative Security  A. Transaction Core Security  A. Transaction Core Security  Code (Instr. Derivative Security)  Code V  M. Code V	(First) (Middle) (SEARCH ROAD SE  Table I - Non-Derivative Securitie (Month/Day/Year) (Stock 09/30/2012  Stock 09/30/2012  Stock 09/30/2012  Stock 09/30/2012  Stock 109/30/2012  Stock 109/30/2012  Stock 109/30/2012  Table II - Derivative Securitie (e.g., puts, calls, we for Execution Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 10	(First) (Middle) 3. Date of Earliest Trans 09/30/2012  SEARCH ROAD SE  Table I - Non-Derivative Securities Ac ecurity (Instr. 3)  Table II - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date of Exercise Price of Exercise Security (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)  Table III - Derivative Securities Acq (e.g., puts, calls, warrants of Execution Date, if any (Month/Day/Year)	(First) (Middle) (First) (Middle) (SORE CORP (SEARCH ROAD SE  Table I - Non-Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Instr. Gode (Instr. Gode (Instr. Security) (Month/Day/Year)  Conversion or Exercise Price of Derivative Security  Stock  Table II - Derivative Securities Acquired, Date (Instr. Gode (Instr. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  Code V (A) (D) Date Exercisab  (1) 09/30/2012  M 8,333 (2)	### CORE CORP    Core Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   Core   C	(First) (Middle) (ORE CORP SEARCH ROAD SE  Table I - Non-Derivative Securities Acquired, Disposed of Code (Instr. 3)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Non-Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Non-Derivative Securities Acquired, Disposed of Original Filed (Month/Day/Year)  Table II - Non-Derivative Securities Acquired, Disposed of Original File	Content   Cont	Corresponded   Conversion   C	EMCORE CORP   EMKR	Concession   Con	Core   Core	Content   Company   Content   Company   Content   Company   Content   Company   Content   Company   Content   Cont	

### **Explanation of Responses:**

- 1. 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.
- 2. 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.
- 3. The restricted stock units were awarded to the reporting person for no cash or other similar consideration.

### Remarks:

\*\* Signature of Reporting Person

Date

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.

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