Gomez Alfredo Form 4 May 21, 2012

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 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)

Name and Address of Reporting Person * Gomez Alfredo			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
			EMCORE CORP [EMKR]				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
10420 RESEARCH ROAD SE			(Month/Day/Year) 05/18/2012	Director 10% Owner X Officer (give title Other (specification) below) Gen. Counsel and Corp. Sec.			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
ALBUQUER(QUE, NM 8	7123	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (A	Table	I - Non-De	erivative S	Securi	ties Acq	puired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transaction	4. Securi n(A) or Di		•	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(D) (Instr. 3,	4 and	5)	Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership
					(A) or		Reported Transaction(s)	(Instr. 4)	(Instr. 4)
Emcore			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	05/18/2012		S	1,253	D	\$ 3.95	22,908 (1)	D	
Emcore Common Stock							1,783 (2)	I	By Trust 401(k)

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.

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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	2.	3. Transaction Date		4.	5.	6. Date Exer		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
						Excicisable L			of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Gomez Alfredo

10420 RESEARCH ROAD SE Gen. Counsel and Corp. Sec.

ALBUQUERQUE, NM 87123

Signatures

/s/ Alfredo 05/21/2012 Gomez

**Signature of Date Reporting Person

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).
- Includes 8,333 shares of restricted stock vesting as follows: 4,167 shares of restricted stock will vest on January 28, 2012 and 4,166 shares of restricted stock will vest on January 28, 2013; and 8,334 shares of restricted stock vesting in two equal annual installments beginning on May 3, 2013.
- (2) Shares attributable to EMCORE Corporation 401(k) account as of March 31, 2012.

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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