Gushard Adam Form 4 December 18, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

subject to

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).

(City)

(State)

(Zip)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Gushard Adam Issuer Symbol EMCORE CORP [EMKR] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify **EMCORE CORPORATION, 10420** 12/14/2007 below) RESEARCH ROAD, SE Interim Chief Fin. Officer (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 Form filed by More than One Reporting ALBUQUERQUE, NM 87123 Person

	(,)	()	Table	e I - Non-D	erivative S	ecurit	ies Acq	uirea, Disposea o	i, or Beneficial	ly Owned
	1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securiti	ies Aco	quired	5. Amount of	6. Ownership	7. Nature of
	Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or Dis	posed	of (D)	Securities	Form: Direct	Indirect
((Instr. 3)		any	Code	Code (Instr. 3, 4 and 5)		Beneficially	(D) or	Beneficial	
			(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
								Following	(Instr. 4)	(Instr. 4)
						(4)		Reported		
						(A)		Transaction(s)		
				Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
	Common			Code 1	7 tilloulit	(D)				
	Common Stock	12/14/2007		M	10,000	A	\$ 1.82	18,648	D	
,	JUCK						1.02			

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)

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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. Transacti Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 1.82	12/14/2007		M	10,000	<u>(1)</u>	(2)	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

Gushard Adam EMCORE CORPORATION 10420 RESEARCH ROAD, SE ALBUQUERQUE, NM 87123

Interim Chief Fin. Officer

Signatures

Adam Gushard 12/18/2007

**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) The Option is fully vested. The Option was granted on May 1, 2003 as part of a 6+1 exchange program pursuant to which the employee surrendered all previous options and was granted a new option.
- (2) This option expires as follows: 10,000 shares on 12/15/2007, 17,000 shares on 12/1/08, 8,000 shares on 4/14/2010, 5,000 shares on 4/26/2012, 17,500 shares on 10/3/2011, 7,500 shares on 4/4/2011, 2,000 shares on 3/2/2011.

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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