HOU HONG Q Form 4 March 20, 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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * HOU HONG Q

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

03/08/2012

EMCORE CORP [EMKR]

(Check all applicable)

(First) 10420 RESEARCH ROAD.

(Street)

3. Date of Earliest Transaction (Month/Day/Year)

_X__ Director X_ Officer (give title below)

10% Owner Other (specify

SE, ALBUQUERQUE, NM 87123

4. If Amendment, Date Original

(Instr. 8)

CEO & President 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

(Instr. 4)

Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

(Middle)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion (Month/Day/Year) Security or Exercise

3. Transaction Date 3A. Deemed Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8. 1 **Underlying Securities** De (Instr. 3 and 4) Sec

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)			Acquired or Dispos (D) (Instr. 3, 4 and 5)	ed of					(I
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0 (1)	03/08/2012		A		10,000		(2)	(2)	Emcore Common Stock	10,000	

Reporting Owners

Reporting Owner Name / Address	Relationships							
Transfer of the second	Director	10% Owner	Officer	Other				
HOU HONG Q								
10420 RESEARCH ROAD, SE ALBUQUERQUE, NM 87123	X		CEO & President					

Signatures

Alfredo Gomez, attorney-in-fact 03/20/2012

**Signature of Reporting Person Da

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) Each restricted stock unit represents a contingent right to receive one share of Emcore common stock. Restricted stock units are payable, at the election of the issuer, in cash, Emcore common stock, or a combination of the two.
- The restricted stock units vest in three equal installments as follows: March 8, 2013; March 8, 2014; and March 8, 2015. Not later than 30
- (2) days after vesting occurs, vested shares of Emcore common stock, an amount in cash equal to their fair market value or a combination of both will be delivered to the reporting person.
- (3) The restricted stock units were awarded to the reporting person for no cash or other similar consideration.

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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