

HOU HONG Q  
Form 4  
February 06, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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

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

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

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol  
EMCORE CORP [EMKR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
10420 RESEARCH ROAD,  
SE, ALBUQUERQUE, NM 87123

3. Date of Earliest Transaction  
(Month/Day/Year)  
01/30/2012

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
CEO & President

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  | Code                           | V   | Amount  | (A) or (D)   | Price                                      |
| Emcore Common Stock             | 01/30/2012                           |  | S                              |   | 20,034  | D  | \$ 1.118 (4)                               |
| Emcore Common Stock             |                                      |  |                                |   | 22,689  | I  | By Trust 401(k)                            |

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

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SEC 1474 (9-02)

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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 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 Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Restricted Stock Units                     | \$ 0 <sup>(5)</sup>                                    | 01/30/2012                           |  | A                              | 95,000  | <sup>(1)</sup> <sup>(1)</sup>                            | Emcore Common Stock   | 95,000                        |

## Reporting Owners

| Reporting Owner Name / Address                                 | Relationships |           |                 |       |
|--|---------------|-----------|-----------------|-------|
|  | Director      | 10% Owner | Officer         | Other |
| HOU HONG Q<br>10420 RESEARCH ROAD, SE<br>ALBUQUERQUE, NM 87123 | X             |           | CEO & President |       |

## Signatures

Alfredo Gomez,  
attorney-in-fact

02/06/2012

     \*\*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).

The restricted stock units vest in four equal installments as follows: February 14, 2012 and January 30, 2013; January 30, 2014, and

(1) January 30, 2015. Not later than 30 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.

(2) Includes 100,000 shares of restricted stock granted under the Company's 2010 Equity Incentive Plan, vesting in two equal annual installments beginning on January 28, 2013.

(3) The restricted stock units were awarded to the reporting person for no cash or other similar consideration.

(4) Reflects aggregate reporting of multiple open market transactions. The price reported is the weighted average sale price of sales ranging from \$1.06 to \$1.12 per share. The reporting person hereby undertakes to provide, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, full information regarding the number of shares sold at each price.

(5) 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.

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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