

BOGOMOLNY ROBERT  
Form 4  
March 22, 2011

**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 \*  
BOGOMOLNY ROBERT

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)

3. Date of Earliest Transaction (Month/Day/Year)  
03/18/2011

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

C/O EMCORE CORPORATION, 10420 RESEARCH ROAD SE

(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

ALBUQUERQUE, NM 87123

(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 Ownership (Instr. 4) |         |         |   |  |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|---------|---------|---|--|
|                                 |                                      |  |                                | Code  | V   | Amount   | (A) or (D)                        | Price   |         |   |  |
| Emcore Common Stock             | 03/18/2011                           |  | A                              |   | 49,301<br>(1)   | A  |                                   | \$ 1.43 | 232,765 | D |  |

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474 (9-02)

**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<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Nu<br>Deriv<br>Secur<br>Bene<br>Own<br>Follo<br>Repo<br>Trans<br>(Instr |
|---|--|---|---|--------------------------------------|--|--|---|---|--|
|---|--|---|---|--------------------------------------|--|--|---|---|--|

  

| Date<br>Exercisable | Expiration<br>Date | Title | Amount<br>or<br>Number<br>of<br>Shares |
|---------------------|--------------------|-------|--|
|---------------------|--------------------|-------|--|

  

| Code | V | (A) | (D) |
|------|---|-----|-----|
|------|---|-----|-----|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships                       |           |         |       |
|---|-------------------------------------|-----------|---------|-------|
|   | Director                            | 10% Owner | Officer | Other |
| BOGOMOLNY ROBERT<br>C/O EMCORE CORPORATION<br>10420 RESEARCH ROAD SE<br>ALBUQUERQUE, NM 87123 | <input checked="" type="checkbox"/> |           |         |       |

## Signatures

/s/ Robert  
Bogomolny                      03/22/2011  
  
 \*\*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).
- (1) Shares acquired pursuant to Directors' Stock Award Plan.

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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