EMCORE CORP Form 4 March 15, 2006

FORM 4

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

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES**

Section 16. Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

See Instruction

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

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BRODIE HOWARD W			Symbol EMCORE CORP [EMKR]	Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
C/O EMCORE CORPORATION, 145 BELMONT			03/13/2006	_X_ Officer (give title Other (specif			
				below) below)			
DRIVE	. 1011, 110 2			Chief Legal Officer			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
SOMERSET	r, NJ 08873		, , , , , , , , , , , , , , , , , , ,	_X_ 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 Repeticially Own			

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secur	ities Acqui	ired, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	03/13/2006		M	10,345	A	\$ 6.6875	10,345	D	
Common Stock	03/13/2006		S	10,345	D	\$ 8.15	0	D	
Common Stock	03/13/2006		M	5,083	A	\$ 6.6875	5,083	D	
Common Stock	03/13/2006		S	5,083	D	\$ 8.37	0	D	
Common Stock	03/13/2006		M	11,490	A	\$ 6.6875	11,490	D	

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Common Stock	03/13/2006	S	11,490	D	\$ 8.33	0	D
Common Stock	03/13/2006	M	3,427	A	\$ 6.6875	3,427	D
Common Stock	03/13/2006	S	3,427	D	\$ 8.32	0	D
Common Stock	03/13/2006	M	5,000	A	\$ 6.6875	5,000	D
Common Stock	03/13/2006	S	5,000	D	\$ 8.4	0	D
Common Stock	03/13/2006	M	900	A	\$ 6.6875	900	D
Common Stock	03/13/2006	S	900	D	\$ 8.39	0	D
Common Stock	03/14/2006	M	14,100	A	\$ 6.6875	14,100	D
Common Stock	03/14/2006	S	14,100	D	\$ 8.56	0	D

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

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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 orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration D (Month/Day)	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)	\$ 6.6875	03/13/2006		M	36,245	<u>(1)</u>	09/29/2009	Common Stock	36,245	
Employee Stock	\$ 6.6875	03/14/2006		M	14,100	<u>(1)</u>	09/29/2009	Common Stock	14,100	

Option (right to buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BRODIE HOWARD W C/O EMCORE CORPORATION 145 BELMONT DRIVE SOMERSET, NJ 08873

Chief Legal Officer

Signatures

/s Howard Brodie 03/15/2006

**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) The Option vested in five equal installments beginning on 9/29/2000
- (2) Stock Option Grant

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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