EMCORE CORP	
Form SC 13G	
February 17, 2009	
CECUIDATING AND EVOLVANCE CONDUCTION	
SECURITIES AND EXCHANGE COMMISSION	
WASHINGTON, D.C. 20549	
SCHEDULE 13G	
(Rule 13d-102)	
(-1440-1641-162)	
INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT	
TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED	
PURSUANT TO RULE 13d-2	
*	
EMCORE CORPORATION	
EMICORE CORFORATION	
(Name of Issuer)	
(Timbe of Issue)	
Common Stock, No Par Value per Share	
(Title of Class of Securities)	
290846104	

(CUSIP Number)

04/20/08

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

() Kuic 13u-1(U	Rule 13d-1(b)	0
-----------------	---------------	---

x Rule 13d-1(c)

O Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, *see* the *Notes*).

<sup>\*</sup> The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

1	1	4	7
		ı	

CUSIP No. 290846104		Page 2 of 6	
(1) NAME OF REPORTING PERSO	NS	INTEL CORPORATION	
(2) CHECK THE APPROPRIATE BO	OX IF A MEMBER OF A GROUP		
(a) O (b) O			
(3) SEC USE ONLY			
(4) CITIZENSHIP OR PLACE OF O	RGANIZATION		
Delaware			
NUMBER OF (5) SHARES BENEFICIALLY (6) OWNED BY (7) EACH (8) REPORTING PERSON WITH:	SOLE VOTING POWER SHARED VOTING POWER SOLE DISPOSITIVE POWER SHARED DISPOSITIVE POWER:	4,452,299 0 4,452,299 0	
(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,452,299.			
(10) CHECK BOX IF THE AGGREGA	ATE AMOUNT IN ROW (9) EXCLUDES CERTAI	N SHARES O	
(11) PERCENT OF CLASS REPRESE 6.08% <sup>1</sup>	ENTED BY AMOUNT IN ROW (9)		

(12)	TYPE OF REPORTING PERSON
CO	

<sup>1</sup> upon 73,266,512 shares of common stock, no par value per share, of the Issuer, outstanding as of February 25, 2008, as reported in the Issuer's Definitive Proxy Statement on Schedule 14A, filed with the Securities and Exchange Commission on March 4, 2008.

#### 13G

Page 3 of 6 CUSIP No. 290846104

Item 1(a). Name of Issuer:

**EMCORE** Corporation

Address of Issuer s Principal Executive Offices: <u>Item 1(b).</u>

10420 Research Road, SE

Albuquerque, New Mexico 87123

Item 2(a). Name of Person Filing:

**Intel Corporation** 

Item 2(b). Address of Principal Business Office or, if None, Residence:

2200 Mission College Boulevard

Santa Clara, CA 95052-8119

Citizenship: Item 2(c).

Delaware

Item 2(d). **Title of Class of Securities:** 

Common Stock, no par value per share

Item 2(e). **CUSIP Number:** 

290846104

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:

Not applicable. X

Broker or dealer registered under section 15 of the Act (15 U.S.C. 780); (a)

Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); (b)

Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); (c)

Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); (d)

An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); (e)

An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); (f)

A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G); (g)

(h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment (i)

Company Act of 1940 (15 U.S.C. 80a-3);

(j) A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);

Group, in accordance with § 240.13d-1(b)(1)(ii)(K). (k)

<u>Item 8.</u>

CUSIP No. 290846	104		Page 4 of 6	
If filing as a non-U.	S. institut	tion in accordan	ce with § 240.13d-1(b)(1)(ii)(J), please specify the	
type of institution: _		·		
Item 4. The following inform	Ownersl mation is		April 20, 2008:	
	(a)		icially owned:	
	(b)	4,442,299 Percent of Cla	SSS:	
	(c)	(i)	ures as to which such person has: Sole power to vote or direct the vote: 4,452,299	
			Shared power to vote or direct the vote:	
			O Sole power to dispose or to direct the disposition of:	
			4,452,299 Shared power to dispose or to direct the disposition of:	
5.69% of the class (	based upo er s Anno	on 78,259,309 s ual Report on Fo	0 on continued to beneficially own 4,452,299 of the Issuer s shares, which represented appropriates of common stock, no par value per share, of the Issuer outstanding as of January 20, 2 arm 10-K/A for the annual period ended September 30, 2008, filed with the Securities and I	2009, as
<u>Item 5.</u>	Owners	hip of Five Per	cent or Less of a Class:	
If this statement is befive percent of the c			ct that as of the date hereof the reporting person has ceased to be the beneficial owner of me following [].	nore than
<u>Item 6.</u>	<u>Owners</u>	hip of More tha	nn Five Percent on Behalf of Another Person:	
	Not appl	icable.		
<u>Item 7.</u>		Company or (	sification of the Subsidiary Which Acquired the Security Being Reported on by the Pa Control Person:	<u>arent</u>

<u>Identification and Classification of Members of the Group</u>:

13G

CUSIP No. 290846104	Page 5 of 6
---------------------	-------------

Not applicable.

### **Item 9. Notice of Dissolution of Group:**

Not applicable.

### <u>Item 10.</u> <u>Certification:</u>

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

-	1	

CUSIP No. 290846104 Page 6 of 6

**SIGNATURES** 

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 17, 2009

#### INTEL CORPORATION

By: <u>/s/ Cary I. Klafter</u>
Name: Cary I. Klafter
Title: Corporate Secretary

#### POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints Cary I. Klafter, and with full power of substitution, the undersigned s true and lawful attorney-in-fact with full power to execute and file with the Securities and Exchange Commission and any stock exchange or similar authority, any report required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934, (as amended, the Act ), with respect to securities which may be deemed to be beneficially owned by the Company under the Act, giving and granting unto said attorney-in-fact the power and authority to act in the premises as fully and to all intents and purposes as the Company might or could do if personally present by one of its authorized signatories, hereby ratifying and confirming all that said attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

This Power of Attorney shall remain in full force and effect until either revoked in writing by the undersigned or until such time as the person to whom power of attorney has been hereby granted ceases to be an employee of Intel Corporation.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 6th day of December, 2004.

INTEL CORPORATION

By: <u>/ s / D. Bruce Sewell</u> Vice President,

General Counsel