

SUN MICROSYSTEMS, INC.
 Form 4
 August 20, 2008

FORM 4

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

OMB APPROVAL

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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 *
 Fowler John F

2. Issuer Name and Ticker or Trading Symbol
 SUN MICROSYSTEMS, INC.
 [JAVA]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 4150 NETWORK CIRCLE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 08/18/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 EVP, Systems Group

SANTA CLARA, CA 95054
 (City) (State) (Zip)

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

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 Beneficial Ownership (Instr. 4)
Common Stock	08/18/2008		S ⁽³⁾	39,455 D	\$ 10.6745	120,141 ⁽²⁾ D	
Common Stock					2,458	I	Shares held by wife.

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. Fair Value of Derivative Security (Instr. 3 and 4)	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 74.32					<u>(1)</u> 04/18/2009	Common Stock	2,000	
Employee Stock Option (Right to Buy)	\$ 31.64					<u>(1)</u> 09/27/2009	Common Stock	2,500	
Employee Stock Option (Right to Buy)	\$ 50.36					<u>(1)</u> 11/07/2009	Common Stock	6,250	
Employee Stock Option (Right to Buy)	\$ 50.36					<u>(1)</u> 11/07/2009	Common Stock	6,250	
Employee Stock Option (Right to Buy)	\$ 36.56					<u>(1)</u> 03/19/2010	Common Stock	50	
Employee Stock Option (Right to Buy)	\$ 36.56					<u>(1)</u> 03/19/2010	Common Stock	1,250	
Employee Stock	\$ 14.8					<u>(1)</u> 07/25/2010	Common Stock	2,000	

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Option (Right to Buy)					
Employee Stock Option (Right to Buy)	\$ 14.8	<u>(1)</u>	07/25/2010	Common Stock	6,720
Employee Stock Option (Right to Buy)	\$ 16.8	<u>(1)</u>	05/21/2011	Common Stock	7,500
Employee Stock Option (Right to Buy)	\$ 16.832	<u>(1)</u>	11/13/2011	Common Stock	6,250
Employee Stock Option (Right to Buy)	\$ 15.16	<u>(1)</u>	07/29/2012	Common Stock	75,000
Employee Stock Option (Right to Buy)	\$ 15.4	<u>(1)</u>	07/28/2013	Common Stock	75,000
Employee Stock Option (Right to Buy)	\$ 17.04	<u>(1)</u>	07/27/2014	Common Stock	125,000
Employee Stock Option (Right to Buy)	\$ 20.4	<u>(1)</u>	07/31/2015	Common Stock	106,250
Employee Stock Option (Right to Buy)	\$ 74.32	<u>(1)</u>	04/18/2009	Common Stock	375
Employee Stock Option	\$ 36.56	<u>(1)</u>	03/19/2010	Common Stock	50

