

SUN MICROSYSTEMS, INC.
 Form 4
 July 30, 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 *
 Splain Michael E

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)
 07/28/2008

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

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | Code | V Amount (A) or (D) Price | | | |
| Common Stock | 07/28/2008 | | F ⁽³⁾ | 201 D \$ 9.94 | 83,059 ⁽¹⁾ | D | Shares held by Michael E. Splain & Donna M. Splain JT/WROS |
| Common Stock | | | | | 10,000 | I | |

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. Price or Value 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) | \$ 74.32 | | | | | (2) 04/18/2009 | | Common Stock | 2,500 |
| Employee Stock Option (Right to Buy) | \$ 65 | | | | | (2) 06/13/2009 | | Common Stock | 2,500 |
| Employee Stock Option (Right to Buy) | \$ 31.64 | | | | | (2) 09/27/2009 | | Common Stock | 3,750 |
| Employee Stock Option (Right to Buy) | \$ 50.36 | | | | | (2) 11/07/2009 | | Common Stock | 6,250 |
| Employee Stock Option (Right to Buy) | \$ 50.36 | | | | | (2) 11/07/2009 | | Common Stock | 6,250 |
| Employee Stock Option | \$ 36.56 | | | | | (2) 03/19/2010 | | Common Stock | 50 |

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| | | | | | |
|--------------------------------------|-----------|------------|------------|--------------|--------|
| (Right to Buy) | | | | | |
| Employee Stock Option (Right to Buy) | \$ 36.56 | <u>(2)</u> | 03/19/2010 | Common Stock | 3,750 |
| Employee Stock Option (Right to Buy) | \$ 14.8 | <u>(2)</u> | 07/25/2010 | Common Stock | 7,500 |
| Employee Stock Option (Right to Buy) | \$ 14.8 | <u>(2)</u> | 07/25/2010 | Common Stock | 11,250 |
| Employee Stock Option (Right to Buy) | \$ 16.8 | <u>(2)</u> | 05/21/2011 | Common Stock | 11,250 |
| Employee Stock Option (Right to Buy) | \$ 16.832 | <u>(2)</u> | 11/13/2011 | Common Stock | 11,250 |
| Employee Stock Option (Right to Buy) | \$ 15 | <u>(2)</u> | 05/18/2012 | Common Stock | 10,000 |
| Employee Stock Option (Right to Buy) | \$ 15.76 | <u>(2)</u> | 09/17/2012 | Common Stock | 12,500 |
| Employee Stock Option (Right to Buy) | \$ 18.4 | <u>(2)</u> | 11/10/2012 | Common Stock | 5,000 |
| Employee Stock Option (Right to Buy) | \$ 16.48 | <u>(2)</u> | 01/27/2013 | Common Stock | 15,000 |

| | | | | | |
|--|----------|-----|------------|-----------------|--------|
| Buy) | | | | | |
| Employee Stock Option (Right to Buy) | \$ 15.4 | (2) | 07/28/2013 | Common Stock | 20,750 |
| Employee Stock Option (Right to Buy) | \$ 21.32 | (2) | 11/02/2014 | Common Stock | 17,500 |
| Employee Stock Option (Right to Buy) | \$ 26.56 | (2) | 01/31/2015 | Common Stock | 13,125 |
| Employee Stock Option (Right to Buy) | \$ 20 | (2) | 11/14/2015 | Common Stock | 15,525 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-----------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Splain Michael E 4150 NETWORK CIRCLE SANTA CLARA, CA 95054 | | | EVP, Microelectronics | |

Signatures

/s/ Michael E.
Splain 07/29/2008

**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).
- (1) This includes 562 shares of unvested restricted stock and 77,875 shares of unvested restricted stock units.
- (2) This option vests and becomes exercisable in five equal annual installments beginning on the first anniversary of the date of grant.
- (3) This represents the surrender of shares to the issuer upon the vesting of time-based restricted stock to satisfy tax withholding obligations.

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.