

Chatterjee-Tandon Vengalil K
 Form 4
 January 27, 2010

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 *
 Chatterjee-Tandon Vengalil K

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)
 01/26/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Chief Accounting Officer

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Price | | |
| Common Stock | 01/26/2010 | | D | 12,003 | D (1) 44,724 (2) | D | |
| Common Stock | 01/26/2010 | | D | 44,724 (2) | D (3) 0 | D | |

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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable Expiration Date | Title Amount or Number of Shares |
| Employee Stock Option (right to buy) | \$ 15 | 01/26/2010 | | D | 4,500 | <u>(4)</u> 05/18/2012 | Common Stock 4,500 |
| Employee Stock Option (right to buy) | \$ 16.48 | 01/26/2010 | | D | 2,500 | <u>(6)</u> 01/27/2013 | Common Stock 2,500 |
| Employee Stock Option (right to buy) | \$ 15.76 | 01/26/2010 | | D | 4,500 | <u>(7)</u> 09/17/2012 | Common Stock 4,500 |
| Employee Stock Option (right to buy) | \$ 21.32 | 01/26/2010 | | D | 13,125 | <u>(8)</u> 11/02/2016 | Common Stock 13,125 |
| Employee Stock Option (right to buy) | \$ 21.08 | 01/26/2010 | | D | 3,750 | <u>(9)</u> 04/25/2017 | Common Stock 3,750 |
| Employee Stock Option (right to buy) | \$ 20 | 01/26/2010 | | D | 6,900 | <u>(10)</u> 11/14/2017 | Common Stock 6,900 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Reporting Owners

