Splain Michael E Form 4 November 16, 2009

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION **OMB** 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 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 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Splain Michael E Issuer Symbol SUN MICROSYSTEMS, INC. (Check all applicable) [JAVA] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) below) 4150 NETWORK CIRCLE 11/16/2009 EVP, Microelectronics (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SANTA CLARA, CA 95054 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Ownership Indirect (Instr. 3) Code (D) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Shares held by Michael Common E. Splain & 10,000 Ι Stock Donna M. Splain JT/WROS Common 11/16/2009 F 620 86,123 (1) D Stock Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection of SEC 1474

information contained in this form are not

(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. Transactic Code (Instr. 8)	of	vative rities nired or osed o)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pri Deriv Secu (Instr
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Option (Right to Buy)	\$ 36.56						(2)	03/19/2010	Common Stock	50	
Employee Stock Option (Right to Buy)	\$ 36.56						(2)	03/19/2010	Common Stock	3,750	
Employee Stock Option (Right to Buy)	\$ 14.8						(2)	07/25/2010	Common Stock	7,500	
Employee Stock Option (Right to Buy)	\$ 14.8						(2)	07/25/2010	Common Stock	11,250	
Employee Stock Option (Right to Buy)	\$ 16.8						(2)	05/21/2011	Common Stock	11,250	
Employee Stock Option	\$ 16.832						(2)	11/13/2011	Common Stock	11,250	

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(Right to Buy)					
Employee Stock Option (Right to Buy)	\$ 15	(2)	05/18/2012	Common Stock	10,000
Employee Stock Option (Right to Buy)	\$ 15.76	(2)	09/17/2012	Common Stock	12,500
Employee Stock Option (Right to Buy)	\$ 18.4	(2)	11/10/2012	Common Stock	5,000
Employee Stock Option (Right to Buy)	\$ 16.48	(2)	01/27/2013	Common Stock	15,000
Employee Stock Option (Right to Buy)	\$ 15.4	(2)	07/28/2013	Common Stock	20,750
Employee Stock Option (Right to Buy)	\$ 21.32	<u>(2)</u>	11/02/2014	Common Stock	17,500
Employee Stock Option (Right to Buy)	\$ 26.56	<u>(2)</u>	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

Reporting Owners

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Director 10% Owner Officer Other

Splain Michael E 4150 NETWORK CIRCLE SANTA CLARA, CA 95054

EVP, Microelectronics

Signatures

/s/ Michael E.

Splain 11/16/2009

**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) This includes 63,337 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.

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.

Signatures 4