SUN MICROSYSTEMS, INC.

Form 4

October 31, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * BARKSDALE JAMES L

2. Issuer Name and Ticker or Trading Symbol

Issuer

5. Relationship of Reporting Person(s) to

SUN MICROSYSTEMS, INC.

(Check all applicable)

[SUNW]

(Last) (First) 3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director 10% Owner Other (specify Officer (give title below)

4150 NETWORK CIRCLE 10/27/2005

(Middle)

(Zip)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X 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

SANTA CLARA, CA 95054

(State)

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities 3. TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially Beneficial (D) or Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

or Code V Amount (D) Price

Common Stock

(City)

918,000 D

(A)

Common Stock

see 6,400 I footnote (1)

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. Transactic Code (Instr. 8)	orDeriv Secur Acqui	rities ired (A) sposed of . 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 I S ()
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Director Stock Option (Right to Buy) (2)	\$ 50.1563						(3)	11/08/2005	Common Stock	20,000	
Director Stock Option (Right to Buy) (2)	\$ 12.59						<u>(4)</u>	11/07/2006	Common Stock	10,000	
Director Stock Option (Right to Buy) (2)	\$ 3.4						<u>(5)</u>	11/07/2007	Common Stock	10,000	
Director Stock Option (Right to Buy) (2)	\$ 4.208						<u>(6)</u>	11/13/2008	Common Stock	10,000	
Director Stock Option (Right to Buy) (2)	\$ 4.6						<u>(7)</u>	11/10/2009	Common Stock	10,000	
Director Stock Option (Right to Buy) (2)	\$ 3.9	10/27/2005		A		10,000	(8)	10/27/2010	Common Stock	10,000	

Reporting Owners

Reporting Owner Name / Address	Relationships
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Reporting Owners 2

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Director 10% Owner Officer Other

BARKSDALE JAMES L 4150 NETWORK CIRCLE SANTA CLARA, CA 95054

Signatures

/s/ James L. Barksdale 10/27/2005

**Signature of Date
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

X

- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Includes: (i) 2,400 shares held by a charitable remainder trust for which Mr. Barksdale serves as trustee; and (ii) 4,000 shares held by a limited partnership for which Mr. Barksdale serves as a general partner. Mr. Barksdale disclaims beneficial ownership of these shares except to the extent of his pecuniary interest therein.
- (2) Granted under Sun Microsystems, Inc. 1988 Directors' Stock Option Plan.
- This option originally vested in four equal annual installments on the anniversary date of the grant, November 8, 2000, or the date of (3) Sun's Annual Meeting of Stockholders, whichever was earlier. Effective May 30, 2005, Sun accelerated the vesting schedules for all stock options outstanding as of that date with exercise prices of \$6.00 or more, including this option.
- This option originally vested in four equal annual installments on the anniversary date of the grant, November 7, 2001, or the date of (4) Sun's Annual Meeting of Stockholders, whichever was earlier. Effective May 30, 2005, Sun accelerated the vesting schedules for all stock options outstanding as of that date with exercise prices of \$6.00 or more, including this option.
- (5) This option vests in four equal annual installments on the anniversary date of the grant, November 7, 2002, or the date of Sun's Annual Meeting of Stockholders, whichever is earlier.
- (6) This option vests in four equal annual installments on the anniversary date of the grant, November 13, 2003, or the date of Sun's Annual Meeting of Stockholders, whichever is earlier.
- (7) This option vests in four equal annual installments on the anniversary date of the grant, November 10, 2004, or the date of Sun's Annual Meeting of Stockholders, whichever is earlier.
- (8) This option vests in four equal annual installments on the anniversary date of the grant, October 27, 2005, or the date of Sun's Annual Meeting of Stockholders, whichever is earlier.

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.

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