

06-03-2004



ASSIGNMENT

SHEET

102757715

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying parties:

- a) Shudong Zhou c) Jerry A. Gilliam  
b) John Danielson d) David A. Butterfield

2. Name and address of receiving party:

- a) Name: Sun Microsystems, Inc.  
Address: 4150 Network Circle, Santa Clara, CA 95054

3. Nature of conveyance

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_ ☐ License Agreement

Execution Dates: May 21, 2003, May 21, 2003, May 14, 2003, and May 16, 2003, respectively.

4. Application Number(s) or Patent Number(s): 10/449,302

The title of the new application is: BUS SPECIFIC DEVICE ENUMERATION SYSTEM AND METHOD

5. Please send all correspondence concerning this document to:

**Albert S. Penilla**  
MARTINE & PENILLA, LLP  
710 Lakeway Drive, Suite 170  
Sunnyvale, CA 94085  
**Customer Number 32291**  
Tel. No. (408) 749-6900  
Fax No: (408) 749-6901

OPR/FINANCE

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☒ Authorized to be charged to Deposit Account No. 50-0805  
(Order No. SUNMP437)

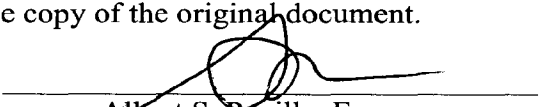
8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: May 28, 2004

06/02/2004 ECDOPER 00000003 10449302

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40.00 OP

  
Albert S. Penilla, Esq.  
Registration No. 39,487

Attorney Docket No. SUNMP437

(Revised 01/96)

**PATENT**  
**REEL: 015387 FRAME: 0214**

**Assignment to Sun Microsystems, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we  
Zhou, Shoudong

do hereby sell, assign, and transfer unto Sun Microsystems, Inc. (hereinafter called Sun), a Delaware Corporation having its principal place of business at 901 San Antonio Road, Palo Alto, CA 94303, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

BUS SPECIFIC DEVICE ENUMERATION SYSTEM AND METHOD

☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Sun, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Sun, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Sun.

I/we further covenant with Sun, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: 

Date: 5/21/2003

**Assignment to Sun Microsystems, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we  
Danielson, John

do hereby sell, assign, and transfer unto Sun Microsystems, Inc. (hereinafter called Sun), a Delaware Corporation having its principal place of business at 901 San Antonio Road, Palo Alto, CA 94303, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

BUS SPECIFIC DEVICE ENUMERATION SYSTEM AND METHOD

☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Sun, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Sun, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Sun.

I/we further covenant with Sun, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: \_\_\_\_\_

Date: 5/21/2003

**Assignment to Sun Microsystems, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we  
Gilliam, Jerry A.

do hereby sell, assign, and transfer unto Sun Microsystems, Inc. (hereinafter called Sun), a Delaware Corporation having its principal place of business at 901 San Antonio Road, Palo Alto, CA 94303, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

BUS SPECIFIC DEVICE ENUMERATION SYSTEM AND METHOD

☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

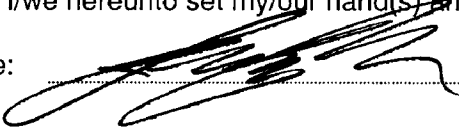
And for the above consideration, I/we agree promptly upon request of Sun, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Sun, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Sun.

I/we further covenant with Sun, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: \_\_\_\_\_

Date: MAY 14, 2003



## Assignment to Sun Microsystems, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we  
Butterfield, David A.

do hereby sell, assign, and transfer unto Sun Microsystems, Inc. (hereinafter called Sun), a Delaware Corporation having its principal place of business at 901 San Antonio Road, Palo Alto, CA 94303, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

BUS SPECIFIC DEVICE ENUMERATION SYSTEM AND METHOD

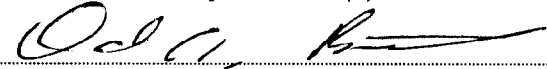
☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Sun, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Sun, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Sun.

I/we further covenant with Sun, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: 16-May-2003