8/13/04

ASSIGNMENT

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1.   Names of conveying parties:

   a)   Samson S. Wong   d)   Shahar Dor
   b)   Kandasamy Aravinthan   e)   Richard T. Van
   c)   Gideon N. Levinsky   f)   Jiejun Lu

2.   Name and address of receiving party:

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

3.   Nature of conveyance

   ☒   Assignment   ☐   Merger
   ☐   Security Agreement   ☐   Change of Name
   ☐   Other _____   ☐   License Agreement

   Execution Dates:

   a)   January 26, 2004   d)   February 24, 2004
   b)   January 26, 2004   e)   January 26, 2004
   c)   January 27, 2004   f)   January 26, 2004

4.   Application Number: 10/766,743

   The title of the new application is: METHODS AND SYSTEMS FOR DETECTING
   MEMORY ADDRESS TRANSFER ERRORS IN AN ADDRESS BUS

5.   Please send all correspondence concerning this document to:

                     Michael K. Hsu, Esq.
                     MARTINE & PENILLA, LLP
                     710 Lakeway Drive, Suite 170
                     Sunnyvale, CA 94085
                     Customer No. 32291
                     Tel. No. (408) 749-6900 Ext. 6924
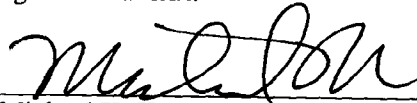   Fax No.: (408) 749-6901

6.   Total number of applications and patents involved: 1

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

   ☒   Enclosed
   ☒   Any deficiency is authorized to be charged to Deposit Account No. 50-0805
         (Order No. SUNMP382)

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: August 12, 2004

08/17/2004 GTW11   00000079 10766743

01 FC:8021   40.00 OP

                                    Michael K. Hsu, Esq.
                                    Registration No. 46,782

Attorney Docket No. SUNMP382 / SUN03-0285

(Revised 01/96)

ASSIGNMENT OF PATENT APPLICATION
(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:
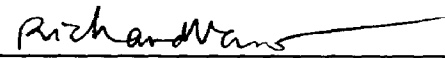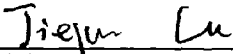
METHODS AND SYSTEMS FOR DETECTING MEMORY ADDRESS TRANSFER ERRORS IN AN ADDRESS BUS

(Atty. Docket No. SUNMP382 / SUN03-0285) for which we have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

1) Sell, assign and transfer to **Sun Microsystems, Inc.**, a **Delaware** corporation having a place of business at **4150 Network Circle, Santa Clara, CA 95054, U.S.** (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

1) Signature: _Samson Wong_ Date: 01/26/04
   Typed Name: Samson S. Wong

2) Signature: _____ Date: _____
   Typed Name: Kandasamy Aravinthan

3) Signature: _____ Date: _____
   Typed Name: Gideon N. Levinsky

4) Signature: _____ Date: _____
   Typed Name: Shahar Dor

5) Signature: _Richard Van_ Date: 1/26/04
   Typed Name: Richard T. Van

6) Signature: _Jiejun Lu_ Date: 01/26/04
   Typed Name: Jiejun Lu

Attorney Docket No. SUNMP382 / SUN03-0285

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Attorney Docket No. SUNMP382 / SUN03-0285

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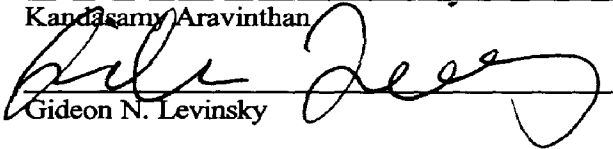
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Attorney Docket No. SUNMP382 / SUN03-0285

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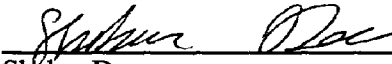
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3)   Signature: _____   Date: _____
      Typed Name: Gideon N. Levinsky

4)   Signature: _Shahar Dor_____   Date: _2/24/04_____
      Typed Name: Shahar Dor

5)   Signature: _____   Date: _____
      Typed Name: Richard T. Van

6)   Signature: _____   Date: _____
      Typed Name: Jiejun Lu

Attorney Docket No. SUNMP382 / SUN03-0285