

07-14-2004



ASSIGNMENT RECORD
102790084
-PATENTS ONLY-

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7.12.04

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

- 1. Names of conveying parties:
 - a) Dae Suk Jung
 - b) Manoj Gopalan
 - c) Yu Yen Mo
 - d) Seong Rai Cho
 - e) Venkat R. Podduturi
 - f) Yet-Ping Pai

- 2. Name and address of receiving party:
 - a) Name: Sun Microsystems, Inc.
 - b) Address: 4150 Network Circle
Santa Clara, California 95054.

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Dates: a)-e) April 6, 2004; and f) April 7, 2004

- 4. Application Number: 10/778,639

The title of the application is: **HIERARCHICAL REPEATER INSERTION**

- 5. Please send all correspondence concerning this document to:

Feb R. Cabrasawan
 MARTINE & PENILLA, LLP
 710 Lakeway Drive, Suite 170
 Sunnyvale, CA 94085
 Tel. No. (408) 749-6900
 Fax No.: (408) 749-6901
Customer No. 32291

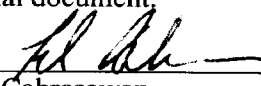
- 6. Total number of applications and patents involved: 1

- 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. SUNMP346)

- 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: July 8, 2004



 Feb Cabrasawan
 Registration No. 51,521

07/13/2004 MSETACHE 00000015 10778639

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40.00 DP

Attorney Docket No. SUNMP346/P9395/MG

(Revised 01/96)

PATENT
REEL: 015550 FRAME: 0651

2004 JUL 12 AM 7:44
OPR/FINANCE

ASSIGNMENT OF PATENT APPLICATION
(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

HIERARCHICAL REPEATER INSERTION

for which I/we have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on February 13, 2004, and which bears the Application No. 10/778,639.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) 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, (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 I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: Apr/06/04
Typed Name: Dae Suk Jung
- 2) Signature:  Date: Apr/06/04
Typed Name: Manoj Gopalan
- 3) Signature:  Date: Apr/06/04
Typed Name: Yu Yen Mo
- 4) Signature:  Date: Apr/06/04
Typed Name: Seong Rai Cho
- 5) Signature:  Date: Apr/06/04
Typed Name: Venkat R. Podduturi
- 6) Signature:  Date: Apr/07/04
Typed Name: Yet-ting Pai

Attorney Docket No. SUNMP346/P9395/MG