

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Drew G. Doblar</td> <td>12/19/2008</td> </tr> <tr> <td>Dawei Huang</td> <td>12/19/2008</td> </tr> <tr> <td>Gabriel C. Risk</td> <td>12/20/2008</td> </tr> </tbody> </table>		Name	Execution Date	Drew G. Doblar	12/19/2008	Dawei Huang	12/19/2008	Gabriel C. Risk	12/20/2008		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Sun Microsystems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4150 Network Circle</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Sun Microsystems, Inc.	Street Address:	4150 Network Circle	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12342825</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12342825						
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CORRESPONDENCE DATA											
<p>Fax Number: (713)228-8778</p> <p>Phone: 713-228-8600</p> <p>Email: ramos@oshaliang.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Thomas K. Scherer</p> <p>Address Line 1: 909 Fannin Street</p> <p>Address Line 2: Suite 3500</p> <p>Address Line 4: Houston, TEXAS 77010</p>											
ATTORNEY DOCKET NUMBER:	03227/127001										
NAME OF SUBMITTER:	Blanca Ramos										
Total Attachments: 6											

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PATENT  
 REEL: 028296 FRAME: 0256

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## ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Sun Microsystems, Inc.

having the following address:

4150 Network Circle  
Santa Clara, California 95054

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

### LOW JITTER AND HIGH BANDWIDTH CLOCK DATA RECOVERY

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

**OSHALIANG**

Intellectual Property Law

**PATENT**  
**REEL: 028296 FRAME: 0258**

Attorney Docket No.: 03227/127001; SUN080383

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

<u>12/19/08</u>	1 <sup>st</sup> Inventor Signature: <u>Drew G. Doblar</u>
Date	Print or Type Name: <u>Drew G. Doblar</u>
	2 <sup>nd</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Dawei Huang</u>
	3 <sup>rd</sup> Inventor Signature: _____
Date	Print or Type Name: <u>Gabriel C. Risk</u>

When this Assignment is not filed concurrently with the patent application,  
the following identifying information may be added after execution:

U.S. Application Serial No.: 12/342,825

Filing Date: 12/23/2008

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Intellectual Property Law

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
**OSHALIANG**

Intellectual Property Law

**PATENT**

**REEL: 028296 FRAME: 0260**

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

_____	1 <sup>st</sup> Inventor Signature: _____
Date	Print or Type Name: Drew G. Doblar
12/19/2008	2 <sup>nd</sup> Inventor Signature: 
Date	Print or Type Name: Dawei Huang
_____	3 <sup>rd</sup> Inventor Signature: _____
Date	Print or Type Name: Gabriel C. Risk

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U.S. Application Serial No.: 12/342,825

Filing Date: 12/23/2008

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**PATENT**  
**REEL: 028296 FRAME: 0261**

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