

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4943280

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NAME OF THE ASSIGNEE ON THE ASSIGNMENT previously recorded on Reel 042067 Frame 0143. Assignor(s) hereby confirms the ASSIGNEE SHOULD BE CHANGED FROM "ORACLE INTERNATIONAL CORPORATION" TO -- SUN MICROSYSTEMS, INC.--.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARTIN H. RATTNER	06/26/2007
NICHOLAS A. SOLTER	06/29/2007
BHARATH VENKATAKRISHNAN	06/27/2007
HARIHARAN KOLAM GOVINDARAJAN	06/27/2007
GIA-KHANH NGUYEN	07/10/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SUN MICROSYSTEMS, INC.
<b>Street Address:</b>	4150 NETWORK CIRCLE
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14543665
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)403-4201
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7134034200
<b>Email:</b>	kohale@fbfk.law
<b>Correspondent Name:</b>	FERGUSON BRASWELL FRASER KUBASTA PC
<b>Address Line 1:</b>	9 GREENWAY PLAZA
<b>Address Line 4:</b>	HOUSTON, TEXAS 77046
<b>ATTORNEY DOCKET NUMBER:</b>	33227/382002
<b>NAME OF SUBMITTER:</b>	ROBERT P. LORD
<b>SIGNATURE:</b>	/Robert P. Lord/
<b>DATE SIGNED:</b>	05/01/2018

**Total Attachments: 9**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4375567

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARTIN H. RATTNER	06/26/2007
NICHOLAS A. SOLTER	06/29/2007
BHARATH VENKATAKRISHNAN	06/27/2007
HARIHARAN KOLAM GOVINDARAJAN	06/27/2007
GIA-KHANH NGUYEN	07/10/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ORACLE INTERNATIONAL CORPORATION
<b>Street Address:</b>	500 ORACLE PARKWAY, MAIL STOP 50P7
<b>City:</b>	REDWOOD SHORES
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94065
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14543665
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)228-8778
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7132288600
<b>Email:</b>	ohale@oshaliang.com
<b>Correspondent Name:</b>	OSHA LIANG LLP
<b>Address Line 1:</b>	909 FANNIN
<b>Address Line 2:</b>	SUITE 3500
<b>Address Line 4:</b>	HOUSTON, TEXAS 77010
<b>ATTORNEY DOCKET NUMBER:</b>	33227/382002; SUN061207-U
<b>NAME OF SUBMITTER:</b>	ROBERT P. LORD
<b>SIGNATURE:</b>	/Robert P. Lord/
<b>DATE SIGNED:</b>	04/18/2017
<b>Total Attachments: 6</b>	

Attorney Docket No.: 20910/0205980-US0/SUN061207

**ASSIGNMENT**

I, Martin H. Rattner, a citizen of the United States of America, residing at 489  
Dracena Ln.; Los Altos, California 94022; and

I, Nicholas A. Solter, a citizen of the United States of America, residing at 13010  
Rockbridge Circle; Colorado Springs, Colorado 80921; and

I, Bharath Venkatakrishnan, a citizen of India, residing at 2120 Southwest Expy,  
Apt. #27; San Jose, California 95126; and

I, Hariharan Kolam Govindarajan, a citizen of India, residing at Chapin I 1132 Cx;  
700 Health Sciences Drive; Stony Brook, New York 11790; and

I, Gia-Khanh Nguyen, a citizen of the United States of America, residing at 3089  
Ryan Ave.; Santa Clara, California 95051;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in  
consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and  
valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged,  
paid to ASSIGNOR by

Sun Microsystems, Inc.

a Corporation organized under the laws of Delaware, located at 4150 Network Circle, Santa  
Clara, California 95054 (hereinafter "ASSIGNEE"), do hereby sell and assign to said  
ASSIGNEE, its successors and assigns, the below indicated right, title, and interest,  
throughout the world in and to my invention entitled:

**LOCALITY AND TIME BASED DEPENDENCY RELATIONSHIPS IN CLUSTERS**

invented by me and described in the specification bearing the above Attorney Docket No. and  
title executed by me concurrently herewith; and all patents, divisions, reissues, continuations  
and any extensions thereof and rights of priority therein, said interest being my entire  
ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors,

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assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 6/26/2007

  
Martin H. Rattner, Inventor

Dated: 6/29/07

Nicholas A. Solter  
Nicholas A. Solter, Inventor

Dated: \_\_\_\_\_

Bharath Venkatakrishnan, Inventor

Dated: \_\_\_\_\_

Hariharan Kotam Govindarajan,  
Inventor

Dated: \_\_\_\_\_

Gia-Khanh Nguyen, Inventor



Attorney Docket No.: 20910/0205980-US0/SUN061207

Dated: \_\_\_\_\_

Nicholas A. Solter, Inventor

Dated: \_\_\_\_\_

Bharath Venkatakrishnan, Inventor

Dated: 27<sup>th</sup> June '07

K.G. Hariharan  
Hariharan Kolam Govindarajan,  
Inventor

Dated: \_\_\_\_\_

Gia-Khanh Nguyen, Inventor

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Dated: \_\_\_\_\_

\_\_\_\_\_  
Nicholas A. Solter, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Bharath Venkatakrishnan, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Hariharan Kolan Govindarajan,  
Inventor

Dated: 7/10/2007

  
\_\_\_\_\_  
Gia-Khanh Nguyen, Inventor

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