

PATENT ASSIGNMENT

Electronic Version v1.1
 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>Pranay Koka</td> <td>07/24/2012</td> </tr> <tr> <td>David A. Munday</td> <td>07/31/2012</td> </tr> <tr> <td>Michael O. McCracken</td> <td>08/01/2012</td> </tr> <tr> <td>Herbert D. Schwetman Jr.</td> <td>07/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pranay Koka	07/24/2012	David A. Munday	07/31/2012	Michael O. McCracken	08/01/2012	Herbert D. Schwetman Jr.	07/24/2012
Name	Execution Date										
Pranay Koka	07/24/2012										
David A. Munday	07/31/2012										
Michael O. McCracken	08/01/2012										
Herbert D. Schwetman Jr.	07/24/2012										
RECEIVING PARTY DATA											
Name:	Oracle International Corporation										
Street Address:	500 Oracle Parkway										
Internal Address:	Mail Stop 5OP7										
City:	Redwood City										
State/Country:	CALIFORNIA										
Postal Code:	94065										
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>13565460</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13565460						
Property Type	Number										
Application Number:	13565460										
CORRESPONDENCE DATA											
Fax Number:	5307591665										
Phone:	530-759-1661										
Email:	joanne@parklegal.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	A. Richard Park										
Address Line 1:	Park, Vaughan, Fleming & Dowler LLP										
Address Line 2:	2820 Fifth Street										
Address Line 4:	Davis, CALIFORNIA 95618										
ATTORNEY DOCKET NUMBER:	ORA12-0541-US-NP-1										
NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241										

OP \$40.00 13565460

Total Attachments: 6

source=ORA12-0541-US-NP-1_Assignment#page1.tif

source=ORA12-0541-US-NP-1_Assignment#page2.tif

source=ORA12-0541-US-NP-1_Assignment#page3.tif

source=ORA12-0541-US-NP-1_Assignment#page4.tif

source=ORA12-0541-US-NP-1_Assignment#page5.tif

source=ORA12-0541-US-NP-1_Assignment#page6.tif

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Pranay Koka	12370 Alameda Trace Circle, Apt. 621, Austin, TX 78727
David A. Munday	162 Tosca Terra, Santa Cruz, CA 95060
Michael O. McCracken	12102 Sage Hen Cove, Austin, TX 78727
Herbert D. Schwetman, Jr.	7119 Valburn Drive, Austin, TX 78731

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

USING BROADCAST-BASED TLB SHARING TO REDUCE ADDRESS-TRANSLATION LATENCY IN A SHARED-MEMORY SYSTEM WITH ELECTRICAL INTERCONNECT

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

___ On the ___ day of _____, 20___;

Or

X Said application having Application Number 13/565,460 and filed on 20 August 2012; and

WHEREAS, Oracle International Corporation, a corporation of the State of California, having a place of business at 500 Oracle Parkway, Mail Stop SOP7, Redwood City, CA 94065, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings

involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.



07/24/2012

Pranay Koka

Date

David A. Munday

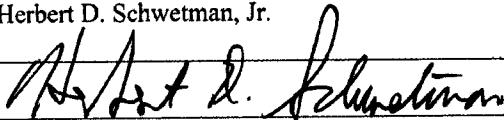
Date

Michael O. McCracken

Date

Herbert D. Schwetman, Jr.

Date



7-24-2012

Date

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Pranay Koka	12370 Alameda Trace Circle, Apt. 621, Austin, TX 78727
David A. Munday	162 Tosca Terra, Santa Cruz, CA 95060
Michael O. McCracken	12102 Sage Hen Cove, Austin, TX 78727
Herbert D. Schwetman, Jr.	7119 Valburn Drive, Austin, TX 78731

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

USING BROADCAST-BASED TLB SHARING TO REDUCE ADDRESS-TRANSLATION LATENCY IN A SHARED-MEMORY SYSTEM WITH ELECTRICAL INTERCONNECT

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

___ On the ___ day of _____, 20___;

Or

X Said application having Application Number 13/565,460 and filed on 02 August and 2012

WHEREAS, Oracle International Corporation, a corporation of the State of California, having a place of business at 500 Oracle Parkway, Mail Stop 50P7, Redwood City, CA 94065, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings


Attorney Docket No. ORA12-0541-US-NP-1

involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Pranay Koka	Date
	7-31-12

David A. Munday	Date
-----------------	------

Michael O. McCracken	Date
----------------------	------

Herbert D. Schwetman, Jr.	Date
---------------------------	------

Date

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Pranay Koka	12370 Alameda Trace Circle, Apt. 621, Austin, TX 78727
David A. Munday	162 Tosca Terra, Santa Cruz, CA 95060
Michael O. McCracken	12102 Sage Hen Cove, Austin, TX 78727
Herbert D. Schwetman, Jr.	7119 Valburn Drive, Austin, TX 78731

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

USING BROADCAST-BASED TLB SHARING TO REDUCE ADDRESS-TRANSLATION LATENCY IN A SHARED-MEMORY SYSTEM WITH ELECTRICAL INTERCONNECT

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

___ On the ___ day of _____, 20___;

Or

X Said application having Application Number 13/565,460 and filed on 02 August 2012; and

WHEREAS, Oracle International Corporation, a corporation of the State of California, having a place of business at 500 Oracle Parkway, Mail Stop 50P7, Redwood City, CA 94065, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings

involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

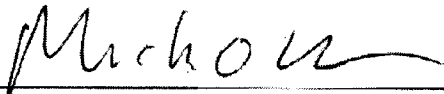
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Pranay Koka

Date

David A. Munday

Date



8/1/12

Michael O. McCracken

Date

Herbert D. Schwetman, Jr.

Date

Date