

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2623790

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>XUEZHE ZHENG</td> <td>10/15/2013</td> </tr> <tr> <td>IVAN SHUBIN</td> <td>10/15/2013</td> </tr> <tr> <td>YING L. LUO</td> <td>10/15/2013</td> </tr> <tr> <td>GUOLIANG LI</td> <td>10/18/2013</td> </tr> <tr> <td>ASHOK V. KRISHNAMOORTHY</td> <td>10/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	XUEZHE ZHENG	10/15/2013	IVAN SHUBIN	10/15/2013	YING L. LUO	10/15/2013	GUOLIANG LI	10/18/2013	ASHOK V. KRISHNAMOORTHY	10/15/2013
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CORRESPONDENCE DATA													
Fax Number:	(530)759-1665												
Phone:	530-759-1661												
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</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:	ORA13-0951												

OP \$40.00 14060136

NAME OF SUBMITTER:	A. RICHARD PARK, REG. NO. 41,241
Signature:	/A. Richard Park/
Date:	11/21/2013
Total Attachments: 2 source=ORA13-0951_Assignment#page1.tif source=ORA13-0951_Assignment#page2.tif	

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Xuezhe Zheng	12442 Dormouse Road, San Diego, CA 92129
Ivan Shubin	15912 Camino Codorniz, San Diego, CA 92127
Ying L. Luo	11390 Stable Glen Place, San Diego, CA 92130
Guoliang Li	11341 Canter Heights Drive, San Diego, CA 92130
Ashok V. Krishnamoorthy	16132 Cayenne Creek Road, San Diego, CA 92127

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

HYBRID INTEGRATION OF EDGE-COUPLED CHIPS

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 14/060,136 and filed on 22 October, and 2013

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.

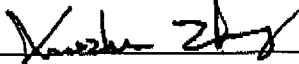
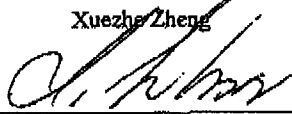

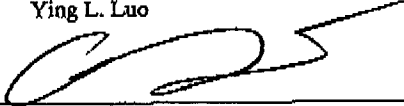
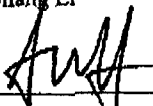
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent 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.

	10/15/2013
Xuezhe Zheng	Date
	10/15/2013
Ivan Shubin	Date
	10/15/2013
Ying L. Luo	Date
	10/18/2013
Guoliang Li	Date
	10/15/2013
Ashok V. Krishnamoorthy	Date