PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3258765

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN YAO	10/10/2013
GUOLIANG LI	10/10/2013
XUEZHE ZHENG	10/10/2013
ASHOK V. KRISHNAMOORTHY	10/10/2013

RECEIVING PARTY DATA

Name:	ORACLE INTERNATIONAL CORPORATION
Street Address:	500 ORACLE PARKWAY
City:	REDWOOD SHORES
State/Country:	CALIFORNIA
Postal Code:	94065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14479039

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SMU:1020
NAME OF SUBMITTER:	CYNTHIA MINCHILLO
SIGNATURE:	/Cynthia Minchillo/
DATE SIGNED:	03/10/2015

Total Attachments: 4

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> **PATENT REEL: 035128 FRAME: 0418** 503212149

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PATENT REEL: 035128 FRAME: 0419

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Oracle International Corporation, a corporation of California, (the "Assignee"), having a place of business at 500 Oracle Parkway, Redwood Shores, California, 94065, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions, subject matter and improvements disclosed in the application for United States Letters Patent, Serial No. 61/874,162, which has been filed on September 5, 2013, and is entitled "Enhanced Coupling Strength Gratings," (the "Invention"), such application and any and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States and all foreign countries based on the Invention; all original, reissued and reexamined patents which have been or shall be issued in the United States and all foreign countries based on the Invention; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

2		10/10/2013
Inventor's Signature		DATE
Jin Yao		
Inventor's Printed Name		
STATE OF)) SS	
COUNTY OF)	
be the same individual wh	onally known by o executed the	me or proved to me on the basis of satisfactory evidence to foregoing assignment, and who acknowledged to me that e will for the use and purposes therein set forth.
		NOTARY PUBLIC
		My Commission Expires:

IN WITNESS WHEREOF, I have hereunto	signed my name on the day and year set forth below.
	10/10/2013
Inventocs Signature	DATE
-	7.7
Guoliang Li Inventor's Printed Name	•
STATE OF) SS	
COUNTY OF)	
to be the same individual who executed t	wn by me or proved to me on the basis of satisfactory evidence the foregoing assignment, and who acknowledged to me that ree will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:
IN WITNESS WHEREOF, I have hereunto	signed my name on the day and year set forth below.
Inventor's Signature	DATE
Xuezhe Zheng Inventor's Printed Name	
STATE OF) SS	
COUNTY OF)	
evidence to be the same individual who e	before me personally came the above known by me or proved to me on the basis of satisfactory
the Rist netable executed the same of more	er own free will for the use and purposes therein set forth.
tile filef liekelie executed the settle of upour	executed the foregoing assignment, and who acknowledged to

Inventor's Signature	DATE
Guoliang Li Inventor's Printed Name	
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to be the same individual who execu	before me personally came the above y known by me or proved to me on the basis of satisfactory evidence uted the foregoing assignment, and who acknowledged to me that own free will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:
IN WITNESS WHEREOF, I have here Value	eunto signed my name on the day and year set forth below. v o > 0 S DATE
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evidence to be the same individual w	before me personally came the above ponally known by me or proved to me on the basis of satisfactory who executed the foregoing assignment, and who acknowledged to his/her own free will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Assignment of Patent Application Serial No. 61/874,162 Attorney Docket No. SMU:1020

IN WITNESS WHEREOF, I have hereunto sign	ed my name on the day and year set forth below.
Inventor's Signature	16/10/2013
Ashok V. Krishnamoorthy Inventor's Printed Name	
STATE OF	
COUNTY OF) SS	
satisfactory evidence to be the same individu	rsonally known by me or proved to me on the basis of ual who executed the foregoing assignment, and who same of his/her own free will for the use and purposes
	NOTARY PUBLIC
	My Commission Expires

RECORDED: 03/10/2015