

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>Guoliang Li</td> <td>06/26/2012</td> </tr> <tr> <td>Ying L. Luo</td> <td>07/10/2012</td> </tr> <tr> <td>Xuezhe Zheng</td> <td>06/26/2012</td> </tr> <tr> <td>Ashok V. Krishnamoorthy</td> <td>06/26/2012</td> </tr> </tbody> </table>	Name	Execution Date	Guoliang Li	06/26/2012	Ying L. Luo	07/10/2012	Xuezhe Zheng	06/26/2012	Ashok V. Krishnamoorthy	06/26/2012	
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Ashok V. Krishnamoorthy	06/26/2012										
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											
Property Type	Number										
Application Number:	13551432										
CORRESPONDENCE DATA											
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<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										
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Address Line 4:	Davis, CALIFORNIA 95618										
ATTORNEY DOCKET NUMBER:	ORA12-0872										
NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241										
Total Attachments: 2 source=ORA12-0872_Assignment#page1.tif source=ORA12-0872_Assignment#page2.tif											

OP \$40.00 13551432

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

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

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

OPTICAL DEVICE WITH A CMOS-COMPATIBLE ECHELLE GRATING

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 13/551,432 and filed on 17 July 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.

 06/26/2012

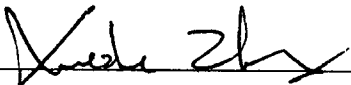
Guoliang Li

Date

 07/10/2012

Ying L. Luo

Date

 06/26/2012

Xuezhe Zheng

Date

 06/26/2012

Ashok V. Krishnamoorthy

Date

Date