

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Hiren D. Thacker	10/24/2011
Xuezhe Zheng	10/25/2011
Ivan Shubin	10/24/2011
Kannan Raj	10/25/2011
John E. Cunningham	10/25/2011
Ashok V. Krishnamoorthy	10/25/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	Oracle International Corporation
<b>Street Address:</b>	500 Oracle Parkway
<b>Internal Address:</b>	Mail Stop 5OP7
<b>City:</b>	Redwood City
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94065

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13293624

**CORRESPONDENCE DATA**

Fax Number: (530)759-1665  
 Phone: 530-759-1661  
 Email: joanne@parklegal.com  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*  
 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

OP \$40.00 13293624

ATTORNEY DOCKET NUMBER:	ORA12-0072
NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241
Total Attachments: 2 source=ORA12-0072_Assignment#page1.tif source=ORA12-0072_Assignment#page2.tif	

Attorney Docket No. ORA12-0072

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Hiren D. Thacker  
Xuezhe Zheng  
Ivan Shubin  
Kannan Raj  
John E. Cunningham  
Ashok V. Krishnamoorthy

~~4185 PORTE DE PALMAS #189, SAN DIEGO, CA 92122~~  
~~4225 Porte De Palmas #189, San Diego, CA 92122~~  
12442 Dormouse Road, San Diego, CA 92129  
10558 Zenor Lane #60, San Diego, CA 92127  
16162 Falcon Crest Drive, San Diego, CA 92127  
12218 Carmel Vista Road, Apt. 233, San Diego, CA 92130  
16132 Cayenne Creek Road, San Diego, CA 92127

A.P.N.  
13 DEC 2011

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

DIRECT INTERLAYER OPTICAL COUPLER

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 13/293,624 and filed on 10 November 2011 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;

Attorney Docket No. ORA12-0072

(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.

Hiren D. Thacker 10/24/2011  
Hiren D. Thacker Date

Xuezhe Zheng 10/25/2011  
Xuezhe Zheng Date

Ivan Shubin 10/24/2011  
Ivan Shubin Date

Kannan Raj 10/25/11  
Kannan Raj Date

John E. Cunningham 10/25/11  
John E. Cunningham Date

Ashok V. Krishnamoorthy 10/25/2011  
Ashok V. Krishnamoorthy Date