PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kannan Raj	12/19/2011
John E. Cunningham	12/16/2011
Hiren D. Thacker	12/16/2011

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:	13331782	

CORRESPONDENCE DATA

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 530-759-1661

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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

ATTORNEY DOCKET NUMBER:

ORA12-0171

NAME OF SUBMITTER:

A. Richard Park, Reg. No. 41,241

Total Attachments: 2

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PATENT REEL: 027566 FRAME: 0878

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Kannan Raj John E. Cunningham Hiren D. Thacker

16162 Falcon Crest Drive, San Diego, CA 92127 12218 Carmel Vista Road, Apt. 233, San Diego, CA 92130 4185 Porte De Merono #154, San Diego, CA 92122

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

EFFICIENT INTER-CHIP OPTICAL COUPLING

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			
<u>X</u>	Said application having Application Number 13/331, 782 and filed on 30 De Cember 301			

WHEREAS, <u>Oracle International Corporation</u>, a corporation of the State of <u>California</u>, having a place of business at <u>500 Oracle Parkway</u>, <u>Mail Stop 5OP7</u>, <u>Redwood City</u>, <u>CA 94065</u>, (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

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.

	lafeer	12/19/2011
	.Kannan Raj	Date
	John Etunny	12/16/2011
	John E. Cunningham	Date
·	tallham	12/16/2011
	/ Hiren D. Thacker	Date
		Date
		Date