

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kiran Vedantam	10/01/2010
James G. Ballard	10/01/2010
Miao Rao	10/16/2010
Guneet Singh	10/01/2010
Wanyun Shih	10/01/2010
RECEIVING PARTY DATA	
Name:	Oracle International Corporation
Street Address:	500 Oracle Parkway
City:	Redwood City
State/Country:	CALIFORNIA
Postal Code:	94065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12916317
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ATTORNEY DOCKET NUMBER:	063483-413296
NAME OF SUBMITTER:	Gregory P. Durbin

CH \$40.00 12916317

Total Attachments: 3

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ASSIGNMENT

WHEREAS, we, Kiran Vedantam, of Santa Clara, California; James G. Ballard, of Palo Alto, California; Miao Rao, of San Jose, California; Guneet Singh, of San Jose, California; Wanyun Shih, of Fremont, California; (hereinafter individually and collectively the "Assignor"), have invented certain new and useful systems, devices, and methods disclosed and described in a provisional patent application titled "Methods and Systems For Flexible Repeatable Pre-Route Generation," which can be identified in the United States Patent and Trademark Office ("USPTO") by Application No. 12/916,317 filed on Oct. 29, 2010 (the "Utility Application") with attorney docket no. 063483-413296;

AND, WHEREAS, Oracle International Corporation, having its principal place of business at 500 Oracle Parkway, Redwood City, CA 94065 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

WHEREAS, to the extent that Assignor now owns any right, title and interest in the invention described and claimed in the Utility Application not already transferred to Oracle International Corporation by the earlier Assignment, Assignor is desirous of assigning such interest and the Utility Application, any provisional, non-provisional, continuation, continuation-in-part, divisional, international, foreign, regional and convention applications corresponding thereto, and any and all Letters Patent of the United States and countries and regions foreign thereto which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto (the "Patent Rights"); and

WHEREAS, Assignee desires to acquire any and all, right, title, and interest of Assignor in and to the invention(s), the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the invention(s), Patent Rights, and any and all Letters Patent to be obtained therefor;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as

necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

ASSIGNOR HEREBY AUTHORIZES said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Utility Application and otherwise take advantage of the provisions of any international conventions.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date 10/01/2010

V. Kiran Kishore
Kiran Vedantam

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date 10/1/2010

James G. Ballard
James G. Ballard

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date 10/16/2010

Miao Rao
Miao Rao

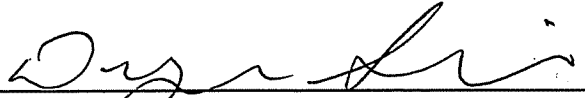
IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date 10/01/2010

Guneet Singh
Guneet Singh

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date 10/1/2010


Wanyun Shih