

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Min Zhao</td> <td>05/30/2012</td> </tr> <tr> <td>Jingyan Zuo</td> <td>05/30/2012</td> </tr> <tr> <td>Yu-Yen Mo</td> <td>05/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Min Zhao	05/30/2012	Jingyan Zuo	05/30/2012	Yu-Yen Mo	05/30/2012
Name	Execution Date								
Min Zhao	05/30/2012								
Jingyan Zuo	05/30/2012								
Yu-Yen Mo	05/30/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13486061</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13486061				
Property Type	Number								
Application Number:	13486061								
CORRESPONDENCE DATA									
Fax Number:	(512)853-8801								
Phone:	512-853-8800								
Email:	kashby@intprop.com								
<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:	SJC / MHKKG/Oracle (Sun)								
Address Line 1:	P.O. BOX 398								
Address Line 4:	AUSTIN, TEXAS 78767								
ATTORNEY DOCKET NUMBER:	6000-59501								
NAME OF SUBMITTER:	Stephen J. Curran								
Total Attachments: 3 source=ORA_120178-US-NP_Assign#page1.tif source=ORA_120178-US-NP_Assign#page2.tif source=ORA_120178-US-NP_Assign#page3.tif									

CH \$40.00 13486061

ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to Oracle International Corporation (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business at 500 Oracle Parkway, Redwood City, CA 94065, their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, METHOD FOR DETERMINING WIRE LENGTHS BETWEEN NODES USING A RECTILINEAR STEINER MINIMUM TREE (RSMT) WITH EXISTING PRE-ROUTES ALGORITHM, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; 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 that, 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 securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT
6000-59501
ORA120178

COVENANT AND AGREE that the above is and will be binding on the heirs,
assigns, representatives and successors of the undersigned and extend to the successors,
assigns and nominees of the Assignee.

(Signature) 
Name: Min Zhao

Date: May 30, 2012

(Signature) _____
Name: Jingyan Zuo

Date: _____

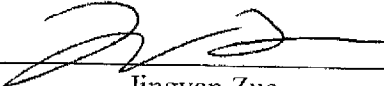
(Signature) _____
Name: Yu-Yen Mo


Date: _____

Customer ID #58467
Stephen J. Curran
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) _____ Date: _____
Name: Min Zhao

(Signature)  _____ Date: 5/30/2012
Name: Jingyan Zuo

(Signature)  _____ Date: 5/30/2012
Name: Yu-Yen Mo

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