

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2665817

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>DAWEI HUANG</td> <td>10/29/2013</td> </tr> <tr> <td>JIANGHUI SU</td> <td>10/14/2013</td> </tr> <tr> <td>HONGTAO ZHANG</td> <td>10/17/2013</td> </tr> <tr> <td>DEQIANG SONG</td> <td>10/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	DAWEI HUANG	10/29/2013	JIANGHUI SU	10/14/2013	HONGTAO ZHANG	10/17/2013	DEQIANG SONG	10/28/2013
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DAWEI HUANG	10/29/2013										
JIANGHUI SU	10/14/2013										
HONGTAO ZHANG	10/17/2013										
DEQIANG SONG	10/28/2013										
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>14146605</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14146605						
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Application Number:	14146605										
CORRESPONDENCE DATA											
Fax Number:											
Phone:	303-770-0051										
Email:	ptomail@mfbllaw.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	ORACLE C/O MARSH FISCHMANN & BREYFOGLE L										
Address Line 1:	8055 EAST TUFTS AVENUE										
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Address Line 4:	DENVER, COLORADO 80237										
NAME OF SUBMITTER:	DANIEL J. SHERWINTER										
Signature:	/Daniel J. Sherwinter/										

Date:

01/02/2014

Total Attachments: 5

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ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, **DAWEI HUANG**, of San Diego, California, **JIANGHUI SU** of Santa Clara, California, **HONGTAO ZHANG** of Santa Clara, California, and **DEQIANG SONG** of San Diego, California, have invented a certain new and useful invention entitled, **AT-RATE SERDES CLOCK DATA RECOVERY WITH CONTROLLABLE OFFSET**, for which a patent application has been prepared for filing with the United States Patent & Trademark Office, said application being identified as Attorney File No. **ORA130921-US-NP**.

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **ORACLE INTERNATIONAL CORPORATION**, a California corporation having a place of business at **500 Oracle Parkway, Redwood City, California**, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted non-provisional utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than **ORACLE INTERNATIONAL CORPORATION**; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than **ORACLE INTERNATIONAL CORPORATION**; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **ORACLE INTERNATIONAL CORPORATION**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we together and each individually hereby irrevocably appoint **ORACLE INTERNATIONAL CORPORATION**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: 10/29/2013

By: 
DAWEI HUANG

Date: _____

By: _____
JIANGHUI SU

Date: _____

By: _____
HONGTAO ZHANG

Date: _____

By: _____
DEQIANG SONG

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: _____

By: _____

DAWEI HUANG

Date: 10-14-2013

By:  _____

JIANGHUI SU

Date: _____

By: _____

HONGTAO ZHANG

Date: _____

By: _____

DEQIANG SONG

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

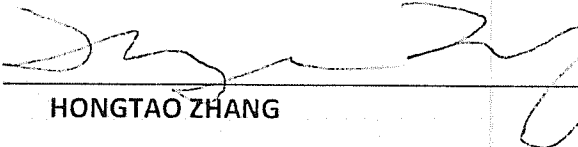
Date: _____

By: _____
DAWEI HUANG

Date: _____

By: _____
JIANGHUI SU

Date: 10/17/2013

By: 
HONGTAO ZHANG

Date: _____

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DEQIANG SONG

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: _____

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DAWEI HUANG

Date: _____

By: _____

JIANGHUI SU

Date: _____

By: _____

HONGTAO ZHANG

Date: 10/28/2013

By:  _____

DEQIANG SONG