

PATENT ASSIGNMENT

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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>Jungyong Lee</td> <td>11/21/2012</td> </tr> <tr> <td>Heechoul Park</td> <td>11/26/2012</td> </tr> <tr> <td>Singrong Li</td> <td>11/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jungyong Lee	11/21/2012	Heechoul Park	11/26/2012	Singrong Li	11/20/2012
Name	Execution Date								
Jungyong Lee	11/21/2012								
Heechoul Park	11/26/2012								
Singrong Li	11/20/2012								
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>13685204</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13685204				
Property Type	Number								
Application Number:	13685204								
CORRESPONDENCE DATA									
Fax Number:	3037700152								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	303-770-0051								
Email:	ptomail@mflaw.com								
Correspondent Name:	ORACLE c/o MARSH FISCHMANN & BREYFOGLE L								
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Address Line 4:	Denver, COLORADO 80237								
ATTORNEY DOCKET NUMBER:	ORA121202-US-NP								
NAME OF SUBMITTER:	Daniel J. Sherwinter								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

OP \$40.00 13685204

ORA121202-US-NP

ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, Jungyong Lee, of San Jose, California, Heechoul Park, of San Jose, California, and Singrong Li, of San Jose, California have invented a certain new and useful invention entitled, **FAST MEMORY READ-OUT**, 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. ORA121202-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.

ORA121202-US-NP

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

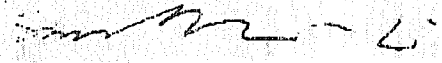
Date: 11/21/2012

By: 
Jungyong Lee

Date: 11/26/2012

By: 
Heechoul Park

Date: 11-20-12

By: 
Singrong Li