

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Chunwon BYUN</td><td>11/11/2011</td></tr> <tr><td>ByeongHoon KIM</td><td>11/11/2011</td></tr> <tr><td>Sung Min YOON</td><td>11/11/2011</td></tr> <tr><td>Shinhyuk YANG</td><td>11/11/2011</td></tr> <tr><td>Min Ki RYU</td><td>11/11/2011</td></tr> <tr><td>Chi-Sun HWANG</td><td>11/11/2011</td></tr> <tr><td>Sang-Hee PARK</td><td>11/11/2011</td></tr> <tr><td>Kyoung Ik CHO</td><td>11/11/2011</td></tr> </tbody> </table>		Name	Execution Date	Chunwon BYUN	11/11/2011	ByeongHoon KIM	11/11/2011	Sung Min YOON	11/11/2011	Shinhyuk YANG	11/11/2011	Min Ki RYU	11/11/2011	Chi-Sun HWANG	11/11/2011	Sang-Hee PARK	11/11/2011	Kyoung Ik CHO	11/11/2011
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CORRESPONDENCE DATA																			
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OP \$40.00 13300688

ATTORNEY DOCKET NUMBER:	LEE-125
NAME OF SUBMITTER:	Steven M. Rabin
Total Attachments: 4 source=LEE-125-Assignment#page1.tif source=LEE-125-Assignment#page2.tif source=LEE-125-Assignment#page3.tif source=LEE-125-Assignment#page4.tif	

Attorney reference _____

Client Reference: IP20100609/FPE10075-US

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Byun, Chunwon; Kim, ByeongHoon; Yoon, Sung Min; Yang, Shinyuk; Ryu, Min Ki; Hwang, Chi-Sun; Park, Sang-Hee; and Cho, Kyoung Ik, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to MEMORY CELL AND MEMORY DEVICE USING THE SAME

the inventor's declaration for said application being executed concurrently or prior to with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on _____, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Allen Wood, Alun L. Palmer, and Phillip G. Avruch of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (_____) the application serial number of said application when known;

said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____ the United States of America being designated.

AND WHEREAS Electronics and Telecommunications Research Institute of 161 Gajeong-dong, Yuseong-gu, Daejeon 305-700 Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 11th day of November, 2011.

Attorney Reference _____

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WITNESSES:

Signature: _____

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ASSIGNOR:

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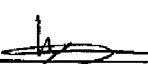
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

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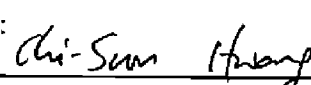
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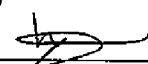
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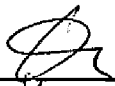
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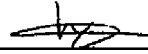

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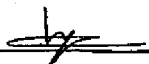

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