

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hwang Soo LEE</td> <td>11/23/2009</td> </tr> <tr> <td>Jung Keun KIM</td> <td>11/23/2009</td> </tr> <tr> <td>Il Song HAN</td> <td>11/23/2009</td> </tr> <tr> <td>Young Serk SHIM</td> <td>11/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hwang Soo LEE	11/23/2009	Jung Keun KIM	11/23/2009	Il Song HAN	11/23/2009	Young Serk SHIM	11/23/2009
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CORRESPONDENCE DATA											
<p>Fax Number: (212)949-9190</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-949-9022</p> <p>Email: hahn@lawabel.com</p> <p>Correspondent Name: ABELMAN, FRAYNE & SCHWAB</p> <p>Address Line 1: 666 THIRD AVENUE, 10TH FLOOR</p> <p>Address Line 4: NEW YORK, NEW YORK 10017</p>											
ATTORNEY DOCKET NUMBER:	PO2009-29-KAIST										
NAME OF SUBMITTER:	Harry K. AHN										
<p>Total Attachments: 2</p> <p>source=PO2009-29-KAIST-assignment#page1.tif</p>											

CH \$40.00 12626857

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PATENT
REEL: 023575 FRAME: 0591

AFS: PO2009-29-KAIST_LHS

UNITED STATES

ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor:

<p>Lee, Hwang-Soo</p> <p>2245, Daehak Zhogwan, Korea Advanced Institute of Science & Technology, Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea</p>	<p>Kim, Jung-Keun</p> <p>2105, N24, Korea Advanced Institute of Science & Technology, Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea</p>
<p>Han, Il-Song</p> <p>2105, N24, Korea Advanced Institute of Science & Technology, Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea</p>	<p>Shim, Young Serk</p> <p>2105, N24, Korea Advanced Institute of Science & Technology, Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea</p>

hereby sells, assigns and transfers to Assignee:

KOREA ADVANCED INSTITUTE OF SCIENCE & TECHNOLOGY
373-1 Guseong-dong, Yuseong-gu, Daejeon 305-371, Republic of Korea

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

(a) Patent Number _____ dated _____

(b) Application for Letters Patent Serial No. _____ filed _____

(c) Application for Letters Patent which has been executed by the undersigned concurrently herewith and entitled

DIRECT MEMORY APPARATUS AND DIRECT MEMORY ACCESS METHOD

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths, assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that he/she has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to others by the undersigned.

ASSIGNOR

Dated: Nov. 23, 2009

By 
Lee, Hwang-Soo


Dated: Nov. 23, 2009

By 
Kim, Jung-Keun

Dated: Nov. 23, 2009

By 
Han, Il-Song

Dated: Nov. 23, 2009

By 
Shim, Young Serk

The undersigned declares that he/she was personally present and did see the above-named individual execute this Assignment of his/her own free will for the purposes set forth herein.

By _____

Name _____

Address _____

ABELMAN, FRAYNE & SCHWAB
666 Third Avenue, 10th Floor
New York, New York 10017

PATENT

RECORDED: 11/27/2009

REEL: 023575 FRAME: 0594