

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>HYUN CHEOL KOO</td> <td>08/25/2008</td> </tr> <tr> <td>SUK HEE HAN</td> <td>08/25/2008</td> </tr> <tr> <td>JOON YEON CHANG</td> <td>08/25/2008</td> </tr> <tr> <td>HYUNG JUN KIM</td> <td>08/25/2008</td> </tr> <tr> <td>KYUNG HO KIM</td> <td>08/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	HYUN CHEOL KOO	08/25/2008	SUK HEE HAN	08/25/2008	JOON YEON CHANG	08/25/2008	HYUNG JUN KIM	08/25/2008	KYUNG HO KIM	08/25/2008
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<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY												
<b>Street Address:</b>	39-1 HAWOLGOK-DONG, SEONGBUK-GU												
<b>City:</b>	SEOUL												
<b>State/Country:</b>	REPUBLIC OF KOREA												
<b>Postal Code:</b>	136-791												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12233488</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12233488								
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<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(205)488-6545												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Email:</b>	NLANDAU@BRADLEYARANT.COM												
<b>Correspondent Name:</b>	BRADLEY ARANT ROSE & WHITE												
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<b>ATTORNEY DOCKET NUMBER:</b>	P099575US01NJ												
<b>NAME OF SUBMITTER:</b>	Nicholas Jacob Landau												

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Total Attachments: 1  
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(SAB)  
Docket No.: P099575USOINJ

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                       |                       |
|-----------------------|-----------------------|
| (1) <u>          </u> | (4) <u>          </u> |
| (2) <u>          </u> | (5) <u>          </u> |
| (3) <u>          </u> | (6) <u>          </u> |

who have made a certain new and useful invention, hereby sell, assign and transfer unto  
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY  
39-1 Hawolgok-Dong, Seongbuk-gu, Seoul, 136-791, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SPIN TRANSISTOR USING EPITAXIAL FERROMAGNET-SEMICONDUCTOR JUNCTION

(a) for which an application for United States Letters Patent was filed on 18 SEPTEMBER 2008, and identified by United States Serial No. 12/233,488; or

(b) for which an application for United States Letters Patent was executed on

           and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>          </u> Name: KOO, Hyun Cheol	<u>          </u> Aug 25th, 2008
2) <u>          </u> Name: HAN, Suk Hee	<u>          </u> Aug. 25th, 2008
3) <u>          </u> Name: CHANG, Joon Yeon	<u>          </u> Aug 25th, 2008
4) <u>          </u> Name: KIM, Hyung Jun	<u>          </u> Aug 25th, 2008
5) <u>          </u> Name: KIM, Kyung Ho	<u>          </u> Aug. 25th, 2008

PATENT