

PATENT ASSIGNMENT COVER SHEET

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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>XIAOCHUN ZHU</td> <td>11/24/2009</td> </tr> <tr> <td>SEUNG H. KANG</td> <td>12/01/2009</td> </tr> <tr> <td>XIA LI</td> <td>11/24/2009</td> </tr> <tr> <td>KANGHO LEE</td> <td>11/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	XIAOCHUN ZHU	11/24/2009	SEUNG H. KANG	12/01/2009	XIA LI	11/24/2009	KANGHO LEE	11/24/2009		
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<table border="1"> <tr> <td>Name:</td> <td>QUALCOMM Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Department</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121-1714</td> </tr> </table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	Internal Address:	Patent Department	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121-1714
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CORRESPONDENCE DATA													
Fax Number:	(858)658-2502												
Phone:	858-658-4351												
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	QUALCOMM INCORPORATED												
Address Line 1:	5775 MOREHOUSE DRIVE												
Address Line 2:	PATENT DEPARTMENT												
Address Line 4:	SAN DIEGO, CALIFORNIA 92121-1714												
ATTORNEY DOCKET NUMBER:	090297C1												
NAME OF SUBMITTER:	SAM TALPALATSKY												

CH \$40.00 14048704

Signature:	/Sam Talpalatsky/
Date:	10/08/2013
Total Attachments: 2 source=090297C1_EFAR-REC_as-filed_10-08-13#page1.tif source=090297C1_EFAR-REC_as-filed_10-08-13#page2.tif	

ASSIGNMENT
Magnetic Tunnel Junction Device

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We/I,

1. Xiaochun Zhu, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
2. Seung H. Kang, a citizen of South Korea, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
3. Xia Li, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
4. Kangho Lee, a citizen of the South Korea, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **Magnetic Tunnel Junction Device** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on December 8, 2009, and assigned Serial No. 12/633,264, (and I hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the serial number and date in the space provided above when known), including, without limitation, all provisional patent applications, and all original and reissue patents granted

ASSIGNMENT

Magnetic Tunnel Junction Device

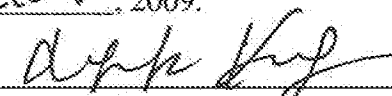
thereof, and all divisions, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 24 day of Nov., 2009.


Xiaochun Zhu

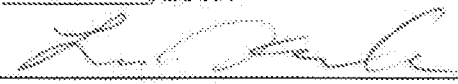
Done at San Diego, California this 19th day of December, 2009.


Seung H. Kang

Done at San Diego, California this 24 day of NOV, 2009.


Xia Li

Done at San Diego, California this 24 day of Nov., 2009.


Kangho Lee