

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Xiaochun Zhu</td> <td>01/05/2009</td> </tr> <tr> <td>Xia Li</td> <td>01/05/2009</td> </tr> <tr> <td>Seung H. Kang</td> <td>01/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Xiaochun Zhu	01/05/2009	Xia Li	01/05/2009	Seung H. Kang	01/05/2009
Name	Execution Date								
Xiaochun Zhu	01/05/2009								
Xia Li	01/05/2009								
Seung H. Kang	01/05/2009								
RECEIVING PARTY DATA									
Name:	QUALCOMM Incorporated								
Street Address:	5775 Morehouse Drive								
Internal Address:	Patent Department								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121-1714								
PROPERTY NUMBERS Total: 1									
<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>12352648</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12352648				
Property Type	Number								
Application Number:	12352648								
CORRESPONDENCE DATA									
Fax Number:	(858)658-2502								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 2:	Patent Department								
Address Line 4:	San Diego, CALIFORNIA 92121-1714								
ATTORNEY DOCKET NUMBER:	072379								
NAME OF SUBMITTER:	Nicholas J. Pauley								
Total Attachments: 2									

CH \$40.00 12352648

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ASSIGNMENT

TO WHOM IT MAY CONCERN:

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

Xiaochun Zhu, a citizen of China, having a place of residence at 2636 Grand Ave. #232, San Diego, CA 92109

Xia Li, a citizen of China, having a place of residence at 12642 Carmel Country Road #143, San Diego, CA 92130

Seung H. Kang, a citizen of South Korea, having a place of residence at 11292 Vista Sorrento Parkway, Apt. Q-205, San Diego, CA 92130

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 whole right, title and interest in and to a certain invention relating to:

Magnetic Element With Storage Layer Materials

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on January 13, 2009, and assigned Serial No. 12/352,1048 (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided above when known), including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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 that may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Executed at San Diego, CA this
5th day of January, 2009. Xiaochun Zhu
Xiaochun Zhu

Magnetic Element With Storage Layer Materials

Executed at San Diego, CA this
9th day of Jan, 2009. Xia Li
Xia Li

Executed at San Diego, CA this
5th day of January, 2009. Seung H. Kang
Seung H. Kang