

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lew G. Chua-Eoa	03/25/2008
Matthew Nowak	03/25/2008
Seung H. Kang	03/25/2008
RECEIVING PARTY DATA	
Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
Internal Address:	Patent Department
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13079068
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ATTORNEY DOCKET NUMBER:	070594C1C1
NAME OF SUBMITTER:	Sam Talpalatsky
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CH \$40.00 13079068

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,

Lew G. Chua-Eoan, a citizen of the United States, having a place of residence at 3246 Rancho Milagro, Carlsbad, CA 92009

Matthew Nowak, a citizen of the United States, having a place of residence at 10965 Elderwood Road, San Diego, CA 92131

Seung H. Kang, a citizen of South Korea, having a place of residence at 4143 Twilight Ridge, 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:

**SOFTWARE PROGRAMMABLE LOGIC USING SPIN TRANSFER
TORQUE MAGNETORESISTIVE DEVICES**

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on April 4, 2011 and assigned Serial No. 13/079,068 (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, including Serial No. **60/908,767**, filed **March 29, 2007**, Serial Number **12/055,794**, filed **March 26, 2008** 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.

**SOFTWARE PROGRAMMABLE LOGIC USING SPIN TRANSFER
TORQUE MAGNETORESISTIVE DEVICES**

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, California this

26th day of March, 2008. 
Ley G. Chua-Eoan

Executed at San Diego, California this

25th day of March, 2008. 
Matthew Nowak

Executed at San Diego, California this

26th day of March, 2008. 
Seung H. Kang