

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ritu Chaba	09/02/2008
Dongkyu Park	09/02/2008
ChangHo Jung	09/02/2008
Sei Seung Yoon	09/02/2008

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:	12204147

CORRESPONDENCE DATA

Fax Number: (858)658-2502

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:

072040

NAME OF SUBMITTER:

John L. Ciccozzi

500638223

PATENT
REEL: 021481 FRAME: 0660

CH \$40.00 12204147

Total Attachments: 2

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PATENT

REEL: 021481 FRAME: 0661

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,

**Ritu Chaba, a citizen of the United States, having a place of residence at
11582 Trailbrook Lane, San Diego, CA 92128**

**Dongkyu Park, a citizen of South Korea, having a place of residence at 3877
Pell Place #212, San Diego, CA 92130**

**ChangHo Jung, a citizen of the United States, having a place of residence at
12473 Ruelle Alliante, San Diego, CA 92130**

**Sei Seung Yoon, a citizen of South Korea, having a place of residence at 5436
Sonoma Place, 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:

CMOS LEVEL SHIFTER CIRCUIT DESIGN

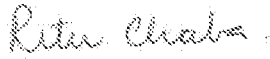
by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on September 4, 2008, and assigned Serial No. 12/204,147 (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial 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.

CMOS LEVEL SHIFTER CIRCUIT DESIGN

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.

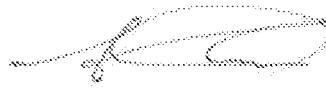
Executed at San Diego, California this

2nd day of Sep, 2008.


Ritu Chaba

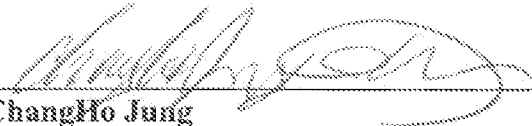
Executed at San Diego, California this

2nd day of Sept., 2008.


Dongkyu Park

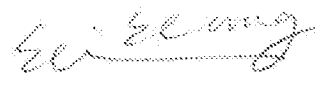
Executed at San Diego, California this

2nd day of Sep., 2008.


ChangHo Jung

Executed at San Diego, California this

2nd day of Sep., 2008.


Sei Seung Yoon