# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Asif Iqbal Mohammad	01/08/2009
Eddie L. T. Choy	12/11/2008
Heejong Yoo	12/11/2008

#### **RECEIVING PARTY DATA**

Name:	QUALCOMM Incorporated	
Street Address:	5775 Morehouse Drive	
Internal Address:	Patent Department/Central Administration	
City:	San Diego	
State/Country:	CALIFORNIA	
Postal Code:	92121	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12326868

#### **CORRESPONDENCE DATA**

Fax Number: (858)658-2502

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

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Correspondent Name: QUALCOMM INCORPORATED

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Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	081081
NAME OF SUBMITTER:	Victoria I Pacev

Total Attachments: 4

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PATENT REEL: 022120 FRAME: 0945

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> PATENT REEL: 022120 FRAME: 0946

# ASSIGNMENT

#### 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.

- 1. Asif Iqbal Mohammad, a citizen of India, having a place of residence at 9936 Kika Court, San Diego, CA 92129, USA;
- 2. Eddie L. T. Choy, a citizen of the United States of America, having a place of residence at 6020 Paseo Airoso, Carlsbad, CA 92009, USA; and
- 3. Heejong Yoo, a citizen of the Korea, having a place of residence at 15895 Sunnyfield Place, San Diego, CA 92127, USA;

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 SYSTEMS AND METHODS FOR DOUBLE-TALK DETECTION IN ACOUSTICALLY HARSH ENVIRONMENTS by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on December 2, 2008, assigned Application Number 12/326,868, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign country), 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 we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us 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 _C	28 day of <u>January</u> , 2009.	
	<u> </u>	
	Asif Iqbal Mohammad	
Done at San Diego, California this	day of, 2008.	
	Eddie L. T. Choy	············
Done at San Diego, California this	day of, 2008.	
	Heejong Yoo	

# ASSIGNMENT

### 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,

- Asif Iqbal Mohammad, a citizen of India, having a place of residence at 9936 Kika
   Court, San Diego, CA 92129, USA;
- 2. Eddie L. T. Choy, a citizen of the United States of America, having a place of residence at 6020 Paseo Airoso, Carlsbad, CA 92009, USA; and
- 3. **Heejong Yoo**, a citizen of the Korea, having a place of residence at 15895 Sunnyfield Place, San Diego, CA 92127, USA;

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 SYSTEMS AND METHODS FOR DOUBLE-TALK DETECTION IN ACOUSTICALLY HARSH ENVIRONMENTS by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on December 2, 2008, assigned Application Number 12/326,868, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign country), 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 we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us 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	day of, 2008.
	Asif Iqbal Mohammad
Done at San Diego, California this	
	Eddie L. T. Choy
Done at San Diego, California this	1/4 day of <u>DeC</u> , 2008.
	Reens
	Heejong Yoo