#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Victor H. CHAN	03/28/2011
Thomas ZHENG	04/12/2011
Yinyin LIU	03/28/2011

#### RECEIVING PARTY DATA

Name:	Qualcomm Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13018409

#### **CORRESPONDENCE DATA**

Fax Number: (858)658-2502

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

Phone: 858-651-6439

Email: tamip@qualcomm.com
Correspondent Name: Qualcomm Incorporated
Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 100440

NAME OF SUBMITTER: Tami M Procopio

**Total Attachments: 3** 

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> PATENT REEL: 026135 FRAME: 0590

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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,

1. Victor H. CHAN, a citizen of the United States of America, having a mailing address of

5775 Morehouse Drive, San Diego, California; and a resident of San Diego, California;

2. Thomas ZHENG, a citizen of the United States of America, having a mailing address of

5775 Morehouse Drive, San Diego, California; and a resident of San Diego, California;

and

3. Yinyin LIU, a citizen of China, having a mailing address of 5775 Morehouse Drive, San

Diego, California; 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 "IMAGE RECOGNITION SYSTEM BASED ON CASCADED OVER-COMPLETE DICTIONARIES" by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 31, 2011, and assigned Serial No. 13/018,409, including Provisional Application No. 61/300,408, filed on February 1, 2010; and all original and reissue patents granted thereof (in the United States and any foreign county), 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

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PATENT REEL: 026135 FRAME: 0591

### ASSIGNMENT

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 \_\_\_\_\_\_, 2011.

Victor H. CHAN

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_\_, 2011.

Thomas ZHENG

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_\_, 2011.

# ASSIGNMENT

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	, 2011.
	Victor H. CHAN
Done at San Diego, California this 12th day of	April , 2011.
and the state of t	Thomas ZHENG
	Madmas Zareno
Done at San Diego, California this day of	, 2011.

Yinyin LIU

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**PATENT REEL: 026135 FRAME: 0593** 

RECORDED: 04/15/2011