### 502567100 11/13/2013

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2612913

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
PRAYAG B. PATEL	04/22/2011
PRATYUSH KAMAL	04/25/2011
FOUA VANG	04/25/2011
CHOCK H. GAN	05/10/2011
PR CHIDAMBARAM	05/10/2011
CHETHAN SWAMYNATHAN	04/21/2011

### **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

Property Type	Number	
Application Number:	13004460	

### **CORRESPONDENCE DATA**

Fax Number: (858)658-2502 Phone: 858-658-4351

Email: us-docketing@qualcomm.com

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

Correspondent Name: QUALCOMM INCORPORATED

Address Line 1: 5775 MOREHOUSE DRIVE

Address Line 2: PATENT DEPARTMENT

Address Line 4: SAN DIEGO, CALIFORNIA 92121-1714

ATTORNEY DOCKET NUMBER: 092220 PATENT

502567100 REEL: 031590 FRAME: 0425

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NAME OF SUBMITTER: SAM TALPALATSKY	
Signature:	/Sam Talpalatsky/
Date:	11/13/2013
Total Attachments: 9 source=092220_EFAR-REC_as-filed_11-13-13#page1.tif source=092220_EFAR-REC_as-filed_11-13-13#page2.tif source=092220_EFAR-REC_as-filed_11-13-13#page3.tif source=092220_EFAR-REC_as-filed_11-13-13#page4.tif source=092220_EFAR-REC_as-filed_11-13-13#page5.tif source=092220_EFAR-REC_as-filed_11-13-13#page6.tif source=092220_EFAR-REC_as-filed_11-13-13#page7.tif source=092220_EFAR-REC_as-filed_11-13-13#page8.tif source=092220_EFAR-REC_as-filed_11-13-13#page9.tif	

## Standard Cell Architecture Using Double Poly Patterning for Multi VT Devices

#### 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/I,

- 1. Prayag B. Patel, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
- 2. Pratyush Kamal, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
- Foua Vang, a citizen of Laos, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
- 4. Chock H. Gan, a citizen of the Singapore, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
- 5. PR Chidambaram, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California
- 6. Chethan Swamynathan, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Bangalore, India

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 **Standard Cell Architecture Using Double Poly Patterning for Multi VT Devices** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on \_\_\_\_\_\_\_\_, and assigned Serial

No. \_\_\_\_\_\_, (and I hereby authorize and instruct QUALCOMM Incorporated

# Standard Cell Architecture Using Double Poly Patterning for Multi VT Devices

to hereafter complete this Assignment by inserting the serial number and date 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, continuations and continuations-in-part 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 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 22 nd day of APRIL , 2011.
Prayag, B. Patel Prayag B. Patel
J J Prayag B. Patel
Done at San Diego, California this day of the day of th
Pratyush Kamal
Done at San Diego, California this 25 day of April ,201.
Foua Vang

# Standard Cell Architecture Using Double Poly Patterning for Multi VT Devices

The Commissioner of Patents and Tradema	rks is request	ed to issue the Let	ters 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 da	ay of		_, 2011.	
	<del></del>	Chock H. Gan		<b></b> .
Done at San Diego, California this d	ay of		_, 2011.	
		PR Chidambara	um	<b>~</b>
Done at Bangalore, India this day of		, 201	11.	
	·····	Chethan Swam	vnathan	<u>.</u> .

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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 **Standard Cell Architecture Using Double Poly Patterning for Multi VT Devices** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on \_\_\_\_\_\_\_, and assigned Serial

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PATENT Docket No. 092220
Page 2 of 3

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> PATENT REEL: 031590 FRAME: 0434

Foua Vang

# Standard Cell Architecture Using Double Poly Patterning for Multi VT Devices

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Assignment.	
Done at San Diego, California this day	of,2011.
÷	Chock H. Gan
Done at San Diego, California this day	of,2011.
. <del></del>	PR Chidambaram
Done at Bangalore, India this 31 day of	<u>ΑΡΚ) ι</u> , 2011.
	Chethan Swamynathan
	Chethan Swamynathan

PATENT REEL: 031590 FRAME: 0435

**RECORDED: 11/13/2013**