

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3178252

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSSIGNORS MIDDLE NAME FROM INITIAL TO FULL NAME previously recorded on Reel 024992 Frame 0116. Assignor(s) hereby confirms the ASSIGNMENT OF APPLICATION # 12/882,525 FROM OMAR JAMES BCHIR, MILIND PRAVIN SHAH AND SASHIDAR MOVVA TO QUALCOMM, INCORPORATED..

**CONVEYING PARTY DATA**

Name	Execution Date
OMAR JAMES BCHIR	12/10/2014
MILIND PRAVIN SHAH	12/15/2014
SASHIDAR MOVVA	01/09/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	QUALCOMM Incorporated
<b>Street Address:</b>	5775 Morehouse Drive
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12882525

**CORRESPONDENCE DATA**

**Fax Number:** (858)658-2502  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*  
**Email:** us-docketing@qualcomm.com  
**Correspondent Name:** QUALCOMM INCORPORATED  
**Address Line 1:** 5775 MOREHOUSE DRIVE  
**Address Line 4:** SAN DIEGO, CALIFORNIA 92121

<b>NAME OF SUBMITTER:</b>	LISA NODARSE
<b>SIGNATURE:</b>	/Lisa Nodarse/
<b>DATE SIGNED:</b>	01/12/2015

**Total Attachments: 8**

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United States Patent and Trademark Office

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**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Omar J. Bchir</td> <td>09/02/2010</td> </tr> <tr> <td>Miling P. Shah</td> <td>09/02/2010</td> </tr> <tr> <td>Sashidhar Movva</td> <td>09/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	Omar J. Bchir	09/02/2010	Miling P. Shah	09/02/2010	Sashidhar Movva	09/02/2010
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Miling P. Shah	09/02/2010								
Sashidhar Movva	09/02/2010								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	QUALCOMM Incorporated								
<b>Street Address:</b>	5775 Morehouse Drive								
<b>Internal Address:</b>	Patent Department								
<b>City:</b>	San Diego								
<b>State/Country:</b>	CALIFORNIA								
<b>Postal Code:</b>	92121-1714								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12882525</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12882525				
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**PATENT****REEL: 034751 FRAME: 0438**

<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	858-658-5787
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<b>Address Line 2:</b>	Patent Department
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121-1714
<b>ATTORNEY DOCKET NUMBER:</b>	100441
<b>NAME OF SUBMITTER:</b>	Nicholas J. Pauley
<b>Signature:</b>	/Nicholas J. Pauley/
<b>Date:</b>	09/15/2010
<b>Total Attachments: 2</b> source=100441_ASG_09-15-2010#page1.tif source=100441_ASG_09-15-2010#page2.tif	
<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT1315875
<b>Receipt Date:</b>	09/15/2010
<b>Fee Amount:</b>	\$40

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**PATENT**

## 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/I,

1. Omar James Bchir, a citizen of United States, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Marcos, California.
2. Milind Pravin Shah, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California.
3. Sashidhar Movva, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; 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 **Process For Improving Package Warpage and Connection Reliability Through Use of a Backside Mold Configuration (BSMC)** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on September 15, 2010, and assigned Serial No. 12/882,525 (and I hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the serial number and date in the space provided above when known), including Provisional Application Number 61/346,725, filed on May 20, 2010, and all original and reissue patents granted thereof, and all divisions,

**ASSIGNMENT**

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 10<sup>th</sup> day of December, 2014.

  
\_\_\_\_\_  
**Omar James Bchir**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Milind Pravin Shah**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Sashidhar Movva**

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PATENT  
Docket No: 100441  
Page 2 of 2

**ASSIGNMENT**


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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Omar James Bchir**

Done at San Diego, California this 15 day of December, 2014.

  
\_\_\_\_\_  
**Milind Pravin Shah**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Sashidhar Movva**



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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
Omar James Bchir

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
Milind Pravin Shah

Done at San Diego, California this 9<sup>th</sup> day of Jan, 2015.

Sashidhar Movva  
Sashidhar Movva