

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Vijayalakshmi R. Raveendran	03/15/2011
PhaniKumar K. Bhamidipati	01/25/2011
James T. Determan	01/21/2011
<b>RECEIVING PARTY DATA</b>	
Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
Internal Address:	Patent Department/Central Administration
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12984032
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858-845-4265
Email:	patent.docketing.us@qualcomm.com
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	100701
NAME OF SUBMITTER:	Gina Golia
Total Attachments: 6 source=100701_2011-03-22_ASST#page1.tif	

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**PATENT**  
**REEL: 025997 FRAME: 0906**

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## 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. **Vijayalakshmi R. Raveendran**, a citizen of the **United States of America**, having a mailing address 5775 Morehouse Drive, San Diego, CA 92121, US; and a resident of **San Diego, California**;
2. **PhaniKumar K. Bhamidipati**, a citizen of **India**, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, US; and a resident of **San Diego, California** and
3. **James T. Determan**, a citizen of the **United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, US; and a resident of **Encinitas, California**;

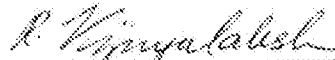
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **TRANSPORT LAYER MODIFICATION TO ENABLE TRANSMISSION GAPS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 4<sup>th</sup>, 2011**, and assigned Serial No. **12/984,032**, including Provisional Application Number **61/292,389**, filed on **January 5<sup>th</sup>, 2010**, and including Provisional Application Number **61/298,491**, filed on **January 26<sup>th</sup>, 2010**, and including Provisional Application Number **61/309,525**, filed on **March 2<sup>nd</sup>, 2010**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations

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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 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 15<sup>th</sup> day of MARCH, 2011.

  
\_\_\_\_\_  
Vijayalakshmi R. Raveendran

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

\_\_\_\_\_  
PhaniKumar K. Bhamidipati

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

\_\_\_\_\_  
James T. Determan

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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 **TRANSPORT LAYER MODIFICATION TO ENABLE TRANSMISSION GAPS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 4<sup>th</sup>, 2011**, and assigned Serial No. **12/984,032**, including Provisional Application Number **61/292,389**, filed on **January 5<sup>th</sup>, 2010**, and including Provisional Application Number **61/298,491**, filed on **January 26<sup>th</sup>, 2010**, and including Provisional Application Number **61/309,525**, filed on **March 2<sup>nd</sup>, 2010**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations

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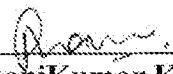
and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all 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.

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

\_\_\_\_\_  
**Vijayalakshmi R. Raveendran**

Done at **San Diego, California** this 25 day of January 2011.

  
\_\_\_\_\_  
**PhaniKumar K. Bhamidipati**

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

\_\_\_\_\_  
**James T. Determan**

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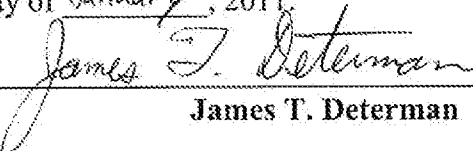
Done at **San Diego, California** this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Vijayalakshmi R. Raveendran**

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

\_\_\_\_\_  
**PhaniKumar K. Bhamidipati**

Done at **San Diego, California** this 2<sup>1st</sup> day of January, 2011.

  
\_\_\_\_\_  
**James T. Determan**