

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sundeeep Rangan</td><td>01/13/2009</td></tr><tr><td>Frank Lane</td><td>01/12/2009</td></tr></tbody></table>		Name	Execution Date	Sundeeep Rangan	01/13/2009	Frank Lane	01/12/2009
Name	Execution Date						
Sundeeep Rangan	01/13/2009						
Frank Lane	01/12/2009						
RECEIVING PARTY DATA							
Name:	QUALCOMM Incorporated						
Street Address:	5775 Morehouse Drive						
City:	San Diego						
State/Country:	CALIFORNIA						
Postal Code:	92121-1714						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12339462</td></tr></tbody></table>		Property Type	Number	Application Number:	12339462		
Property Type	Number						
Application Number:	12339462						
CORRESPONDENCE DATA							
Fax Number:	(858)658-2502						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(858) 651-5205						
Email:	usdocketing@qualcomm.com						
Correspondent Name:	QUALCOMM Incorporated						
Address Line 1:	5775 Morehouse Drive						
Address Line 4:	San Diego, CALIFORNIA 92121-1714						
ATTORNEY DOCKET NUMBER:	080086						
NAME OF SUBMITTER:	Carolyn Mascitelli						
Total Attachments: 2 source=080086_ASST#page1.tif source=080086_ASST#page2.tif							

CH 12339462 \$40.00

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. Sundeep Rangan, a citizen of Canada, having a place of residence at 312 1/2 4th St., Jersey City, New Jersey, 07302, United States of America; and

2. Frank Lane, a citizen of the United States, having a place of residence at 208 Turkey Hill Rd., Asbury, New Jersey, 08802, United States of America;

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 **TIME STAMPED PACKET DATA INTERFACE BETWEEN A MODEM AND AN RF UNIT** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **December 19, 2008**, assigned Application Number **12/339,462**, including, without limitation, all provisional patent applications, including Provisional Application Number **61/017,462** filed on **December 28, 2007**, 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 Jersey City, New Jersey this 13th day of Jan, 2009.

S. Rangan
Sundeep Rangan

Done at Asbury, New Jersey this 12th day of Jan, 2009.

Frank Lane
Frank Lane