

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sundeep RANGAN	12/16/2006
Junyi LI	12/16/2006
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	
Property Type	Number
Application Number:	11486540
CORRESPONDENCE DATA	
Fax Number:	(858)658-2520
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858 845-2174
Email:	trlasher@qualcomm.com
Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 MOREHOUSE DRIVE
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	061159
NAME OF SUBMITTER:	Thomas Lasher
Total Attachments: 2 source=061159_2006-12-16_US - Assignment_IN#page1.tif source=061159_2006-12-16_US - Assignment_IN#page2.tif	

CH \$40.00 11486540

**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, **Sundeep RANGAN**, a citizen of Canada, having a place of residence at 312 ½ 4<sup>th</sup> Street, Jersey City, New Jersey 07302; and **Junyi LI**, a citizen of P.R. China, having a place of residence at 357 Wren Lane, Bedminster, New Jersey 07921; 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 whole right, title and interest in and to a certain invention relating to:

**UPLINK ACCESS REQUEST IN AN OFDM COMMUNICATION ENVIRONMENT**  
by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **July 14, 2006**, and assigned Serial No. **11/486,540**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, 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.

Signed at Bedminster NJ, this 16 day of Dec, 2006

S. Rangan  
**Sundeep Rangan**

Signed at Bedminster NJ, this 16 day of Dec, 2006

Junyi Li  
**Junyi Li**