

**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>  |  |
| <b>Name</b>  | <b>Execution Date</b>                    |
| VIVEK RAJENDRAN  | 07/30/2007                               |
| aNANTHAPADMANABHAN A KANDHADAI   | 07/30/2007                               |
| <b>RECEIVING PARTY DATA</b>  |  |
| <b>Name:</b>   | Qualcomm Incorporated                    |
| <b>Street Address:</b>   | 5775 Morehouse Drive                     |
| <b>Internal Address:</b>   | Patent Department/Central Administration |
| <b>City:</b>   | SAN DIEGO                                |
| <b>State/Country:</b>  | CALIFORNIA                               |
| <b>Postal Code:</b>  | 92121                                    |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |
| <b>Property Type</b>   | <b>Number</b>                            |
| Application Number:  | 11830812                                 |
| <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>  | 858 845-4265                             |
| <b>Email:</b>  | us-docketing@qualcomm.com                |
| <b>Correspondent Name:</b>   | QUALCOMM Incorporated                    |
| <b>Address Line 1:</b>   | 5775 Morehouse Drive                     |
| <b>Address Line 2:</b>   | Patent Department/Central Administration |
| <b>Address Line 4:</b>   | SAN DIEGO, CALIFORNIA 92121              |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 061658                                   |
| <b>NAME OF SUBMITTER:</b>  | Kelly T. Williams                        |

CH \$40.00 11830812

Total Attachments: 2  
 source=061658\_Assignment\_07-30-07#page1.tif



ATTORNEY DOCKET NO. 061658

**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, **Vivek Rajendran**, a citizen of **India**, having a place of residence at **8540 Costa Verde Blvd., #4322, San Diego, CA 92122**, and **Ananthapadmanabhan A. Kandhadai**, a citizen of **India**, having a place of residence at **12526 Heatherton Court, #183, San Diego, CA 92128**, 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:

**SYSTEMS, METHODS, AND APPARATUS FOR WIDEBAND ENCODING  
AND DECODING OF INACTIVE FRAMES**

by us devised and the application for United States Patent and Trademark Office and we hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided when known, including, without limitation, all provisional patent applications, (including provisional application no. **60/834,688**, filed **07/31/2006**) 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.

[Assignment/Multiple with Application]

**PATENT  
REEL: 019664 FRAME: 0362**

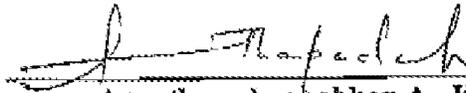
ATTORNEY DOCKET NO. 061658

Done at San Diego, California this 30<sup>th</sup> day of JULY, 2007.



Vivek Rajendran

Done at San Diego, California this 30<sup>th</sup> day of JULY, 2007.



Ananthapadmanabhan A. Kandhadai

[Assignment/Multiple with Application]