

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Dilip Krishnaswamy | 01/14/2010 |
| Parag M. Kanade | 01/19/2010 |
| Parvathanathan Subrahmanya | 02/11/2010 |
| RECEIVING PARTY DATA | |
| Name: | QUALCOMM Incorporated |
| Street Address: | 5775 Morehouse Drive |
| City: | San Diego |
| State/Country: | CALIFORNIA |
| Postal Code: | 92121 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12610296 |
| CORRESPONDENCE DATA | |
| Fax Number: | (858)658-2502 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 858-658-5568 |
| Email: | llawlor@qualcomm.com |
| Correspondent Name: | Qualcomm Incorporated |
| Address Line 1: | 5775 Morehouse Drive |
| Address Line 4: | San Diego, CALIFORNIA 92121 |
| ATTORNEY DOCKET NUMBER: | 072049 |
| NAME OF SUBMITTER: | Leeanne Lawlor |

Total Attachments: 3
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**PATENT
 REEL: 023955 FRAME: 0204**

CH \$40.00 12610296

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,

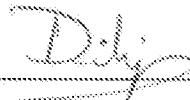
1. **Dilip Krishnaswamy**, a citizen of **India**, having a mailing address of **5775 Morehouse Drive, San Diego, CA, 92121-1714, US**; and a resident of **San Diego, CA, US**; and
2. **Parag M. Kanade**, a citizen of **India**, having a mailing address of **5775 Morehouse Drive, San Diego, CA, 92121-1714, US**; and a resident of **San Diego, CA, US**; and
3. **Parvathanathan Subrahmanya**, a citizen of **India**, having a mailing address of **5775 Morehouse Drive, San Diego, CA, 92121-1714, US**; and a resident of **San Diego, CA, US**,

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 **APPARATUS AND METHODS FOR LOW POWER SENSING OF WIRELESS ACCESS TECHNOLOGIES** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **October 31, 2009**, and assigned Serial Number **12/610,296**, including Provisional Application Number **61/218,552**, filed on **June 19, 2009**, and all original and reissue patents granted thereof (in the United States and any foreign county), and all divisionals, 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.

ASSIGNMENT

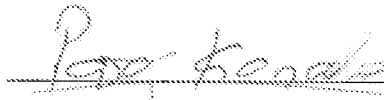
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 14th day of January, 2010.



DILIP KRISHNASWAMY

Done at San Diego, California this 19th day of Jan, 2010.



PARAG M. KANADE

Done at San Diego, California this _____ day of _____, 2010.

PARVATHANATHAN SUBRAHMANYA

ASSIGNMENT

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 _____ day of _____, 2009.

DILIP KRISHNASWAMY

Done at San Diego, California this _____ day of _____, 2009.

PARAG M. KANADE

Done at Santa Clara, California this ¹¹ day of ^{February} ²⁰¹⁰, 2009.

PARVATHANATHAN SUBRAHIMANYA