

**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 |
|--------------------|----------------|
| Rajarshi Gupta     | 07/30/2010     |
| Saumitra Mohan Das | 07/30/2010     |
| Min-Wook Jeong     | 07/30/2010     |

**RECEIVING PARTY DATA**

|                   |  |
|-------------------|--|
| Name:             | QUALCOMM Incorporated                    |
| Street Address:   | 5775 Morehouse Drive                     |
| Internal Address: | Patent Department/Central Administration |
| City:             | San Diego                                |
| State/Country:    | CALIFORNIA                               |
| Postal Code:      | 92121                                    |

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12846672 |

**CORRESPONDENCE DATA**

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|                         |        |
|-------------------------|--------|
| ATTORNEY DOCKET NUMBER: | 093426 |
|-------------------------|--------|

|                    |                 |
|--------------------|-----------------|
| NAME OF SUBMITTER: | Thomas W. Coyne |
|--------------------|-----------------|

Total Attachments: 2  
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**501253892**

**PATENT  
 REEL: 024793 FRAME: 0723**

**CH \$40.00 12846672**



## 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/I,

1. Rajarshi Gupta, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Santa Clara, CA, USA.
2. Saumitra Mohan Das, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of San Jose, CA, USA.
3. Min-Wook Jeong, a citizen of Korea, having a mailing address of 37 Angell Court # 213, Stanford, CA 94305; and a resident of Stanford, CA, USA.

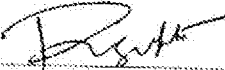
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **METHOD AND APPARATUS FOR ACCOUNTING FOR USER EXPERIENCE IN PEDESTRIAN NAVIGATION ROUTING** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **July 29, 2010**, and assigned Serial No. **12/846,672**, including Provisional Application Number **61/285,852**, filed on **December 11, 2009**, and all original and reissue patents granted thereof, and all divisions, continuations 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do

## ASSIGNMENT

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.

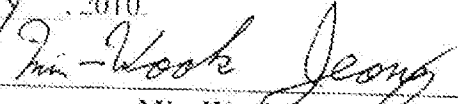
Done at Santa Clara this 30<sup>th</sup> day of July, 2010.

  
Rajarshi Gupta

Done at Santa Clara this 30<sup>th</sup> day of July, 2010.

  
Saumitra Mohan Das

Done at Santa Clara this 30<sup>th</sup> day of July, 2010.

  
Min-Wook Jeong