

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>J. Rodney Walton</td> <td>12/17/2009</td> </tr> <tr> <td>John W. Ketchum</td> <td>12/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	J. Rodney Walton	12/17/2009	John W. Ketchum	12/17/2009				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>QUALCOMM Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121-1714</td> </tr> </table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121-1714
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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>13923143</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13923143						
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CORRESPONDENCE DATA											
<p>Fax Number: 8586582502</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (858) 651-5205</p> <p>Email: us-docketing@qualcomm.com</p> <p>Correspondent Name: QUALCOMM Incorporated</p> <p>Address Line 1: 5775 Morehouse Drive</p> <p>Address Line 4: San Diego, CALIFORNIA 92121-1714</p>											
ATTORNEY DOCKET NUMBER:	091669C1										
NAME OF SUBMITTER:	Michelle Sanfilippo										
Signature:	/Michelle Sanfilippo/										
Date:	07/03/2013										
<p>Total Attachments: 2</p> <p>source=091669_Assignment#page1.tif</p> <p>source=091669_Assignment#page2.tif</p>											

CH \$40.00 13923143

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. **J. Rodney Walton**, a citizen of the **United States of America**, having a mailing address of **9 Damon Mill Square, Suite A-205G, Concord, MA, 01742-2858, US**; and a resident of **Carlisle, MA, US**; and

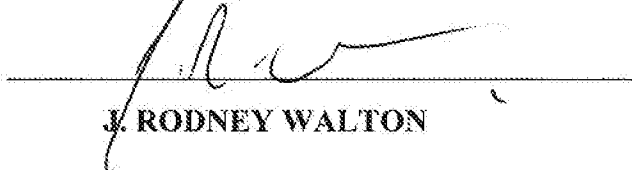
2. **John W. Ketchum**, a citizen of the **United States of America**, having a mailing address of **9 Damon Mill Square, Suite A-205E, Concord, MA, 01742-2858, US**; and a resident of **Harvard, MA, US**,

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 **METHODS AND SYSTEMS FOR PEER-TO-PEER NETWORK DISCOVERY USING MULTI-USER DIVERSITY** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **October 30, 2009**, and assigned Serial Number **12/610,255**, including, without limitation, all provisional patent applications, 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 Concord, Massachusetts this 17th day of December, 2009.


J. RODNEY WALTON

Done at Concord, Massachusetts this 17th day of December, 2009.


JOHN W. KETCHUM