

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Irina Medvedev	06/07/2010
Jay Rodney Walton	06/07/2010
Mark S. Wallace	06/07/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Qualcomm Incorporated
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<b>Internal Address:</b>	Patent Department
<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>
Patent Number:	7738428
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ATTORNEY DOCKET NUMBER:	020073C1/QUALP808USA
NAME OF SUBMITTER:	Thomas E. Watson
Total Attachments: 2	

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**PATENT  
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## 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. Irina Medvedev, a citizen of the United States of America, having a mailing address of 90 Central Street (1<sup>st</sup> Floor), Boxborough, MA, USA 01719; and a resident of Somerville, MA,
2. Jay Rodney Walton, a citizen of the United States of America, having a mailing address of 90 Central Street (1<sup>st</sup> Floor), Boxborough, MA, USA 01719; and a resident of Carlisle, MA,
3. Mark S. Wallace, a citizen of the United States of America, having a mailing address of 90 Central Street (1<sup>st</sup> Floor), Boxborough, MA, USA 01719; and a resident of Bedford, MA,

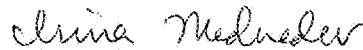
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **MULTIPLE-INPUT, MULTIPLE-OUTPUT (MIMO) SYSTEMS WITH MULTIPLE TRANSMISSION MODES** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **11/10/2004**, and assigned Serial No. **10/985,400**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, 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

## ASSIGNMENT

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.

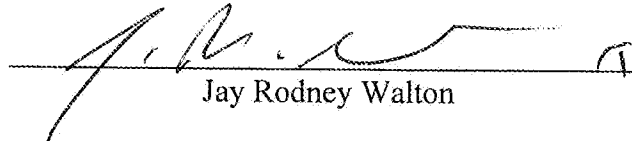
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Boxborough, MA this 07 day of June, 2010.



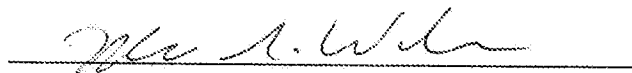
\_\_\_\_\_  
Irina Medvedev

Done at Boxborough, MA this 7<sup>th</sup> day of June, 2010.



\_\_\_\_\_  
Jay Rodney Walton

Done at Boxborough, MA this 7<sup>th</sup> day of June, 2010.



\_\_\_\_\_  
Mark S. Wallace