

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Andrew J. FRANTZ	03/17/2011
Dianne D. HORN	03/17/2011
Joshua H. STUBBS	03/17/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUALCOMM Incorporated
<b>Street Address:</b>	5775 Morehouse Drive
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121-1714
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13069071
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	101757
<b>NAME OF SUBMITTER:</b>	Marian L. Christopher
<b>Total Attachments: 2</b> source=101757_2011-03-24_ASST#page1.tif source=101757_2011-03-24_ASST#page2.tif	

CH \$40.00 13069071

**PATENT**

**501478042**

**REEL: 026013 FRAME: 0490**

## 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. **Andrew J. FRANTZ**, a citizen of The United States of America, having a mailing address of 6180 Spine Road, Boulder, Colorado 80301; and a resident of Boulder, Colorado,
2. **Dianne D. HORN**, a citizen of The United States of America, having a mailing address of 6180 Spine Road, Boulder, Colorado 80301; and a resident of Boulder, Colorado,
3. **Joshua H. STUBBS**, a citizen of The United States of America, having a mailing address of 6180 Spine Road, Boulder, Colorado 80301; and a resident of Boulder, Colorado,

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 SYSTEM FOR RAPID ENTRY INTO AND FOR RAPID EXITING FROM SLEEP STATES FOR PROCESSORS OF A PORTABLE COMPUTING DEVICE** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on MARCH 22, 2011, and assigned Serial No. 13/069,071, (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), including Provisional Application Number **61/425,677**, filed on **December 21, 2010**, and all original and

## ASSIGNMENT


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 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 Boulder, Colorado, this 17<sup>th</sup> day of March, 2011.

  
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**Andrew J. FRANTZ**

Done at Boulder, Colorado, this 17<sup>th</sup> day of MARCH, 2011.

  
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**Dianne D. HORN**

Done at Boulder, Colorado, this 17<sup>th</sup> day of March, 2011.

  
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**Joshua H. STUBBS**