

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph Patrick Burke</td> <td>12/22/2008</td> </tr> <tr> <td>Chengzhi Pan</td> <td>12/30/2008</td> </tr> <tr> <td>Russell John Fagg</td> <td>01/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Joseph Patrick Burke	12/22/2008	Chengzhi Pan	12/30/2008	Russell John Fagg	01/18/2009
Name	Execution Date								
Joseph Patrick Burke	12/22/2008								
Chengzhi Pan	12/30/2008								
Russell John Fagg	01/18/2009								
RECEIVING PARTY DATA									
Name:	QUALCOMM Incorporated								
Street Address:	5775 Morehouse Drive								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12346559</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12346559				
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Application Number:	12346559								
CORRESPONDENCE DATA									
Fax Number:	(858)658-2502								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	858-845-2505								
Email:	us-docketing@qualcomm.com								
Correspondent Name:	QUALCOMM Incorporated								
Address Line 1:	5775 Morehouse Drive								
Address Line 4:	San Diego, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	072507								
NAME OF SUBMITTER:	Christine Molla								

CH \$40.00 12346559

Total Attachments: 6
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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. Joseph Patrick Burke, a citizen of the United States of America, having a place of residence at 1546 Kittyhawk Lane, Glenview, IL 60026;
2. Chengzhi Pan, a citizen of China, having a place of residence at 11136 Vista Sorrento Pkwy, C200, San Diego, CA 92130;
3. Russell John Fagg, a citizen of the United States of America, having a place of residence at 10918 Poblado Road, Apt #2323, San Diego, CA, 92127;

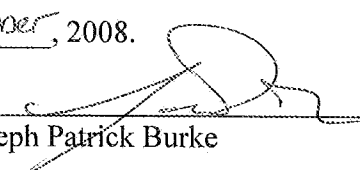
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **DISCRETE TIME RECEIVER** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 2008-12-30, and assigned Serial No. 12/346,559 (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, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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,

ASSIGNMENT

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 San Diego, California this 22 day of December, 2008.



Joseph Patrick Burke

Done at San Diego, California this _____ day of _____, 2008.

Chengzhi Pan

Done at San Diego, California this _____ day of _____, 2008.

Russell John Fagg

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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 **DISCRETE TIME RECEIVER** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 2008-12-30, and assigned Serial No. 12/346,559 (and we hereby authorize and instruct QUALCOMM

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Done at San Diego, California this _____ day of _____, 2008.

Joseph Patrick Burke

Done at San Diego, California this 30th day of Dec., 2008.

Chengzhi Pan

Chengzhi Pan

Done at San Diego, California this _____ day of _____, 2008.

Russell John Fagg

ASSIGNMENT

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Done at San Diego, California this _____ day of _____, 2008.

Joseph Patrick Burke

Done at San Diego, California this _____ day of _____, 2008.

Chengzhi Pan

Done at San Diego, California this 18th day of January, ~~2008~~ 2009

R. Fagg

Russell John Fagg