

**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>									
<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>James A. Proctor</td> <td>03/24/2008</td> </tr> <tr> <td>Kenneth M. Gainey</td> <td>03/24/2008</td> </tr> <tr> <td>James C. Otto</td> <td>03/24/2008</td> </tr> </tbody> </table>		Name	Execution Date	James A. Proctor	03/24/2008	Kenneth M. Gainey	03/24/2008	James C. Otto	03/24/2008
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James A. Proctor	03/24/2008								
Kenneth M. Gainey	03/24/2008								
James C. Otto	03/24/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	QUALCOMM Incorporated								
<b>Street Address:</b>	5775 Morehouse Drive								
<b>Internal Address:</b>	Patent Department/Central Administration								
<b>City:</b>	San Diego								
<b>State/Country:</b>	CALIFORNIA								
<b>Postal Code:</b>	92121								
<b>PROPERTY NUMBERS Total: 1</b>									
<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>12041617</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12041617				
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Application Number:	12041617								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(858)658-2502								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	858-845-4265								
<b>Email:</b>	us-docketing@qualcomm.com								
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED								
<b>Address Line 1:</b>	5775 MOREHOUSE DR.								
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121								
<b>ATTORNEY DOCKET NUMBER:</b>	080603U5								
<b>NAME OF SUBMITTER:</b>	Barbara Agnihotri								

Total Attachments: 3  
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**500560608**

**PATENT  
 REEL: 021061 FRAME: 0922**

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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. James A. Proctor, Jr., a citizen of the United States of America, having a place of residence at 258 Seaview Street, Melbourne Beach, Florida 32951;
2. Kenneth M. Gainey, a citizen of the United States of America, having a place of residence at 441 Thrush Drive, Satellite Beach, Florida 32937;
3. James C. Otto, a citizen of the United States of America, having a place of residence at 109 Elm Street, West Melbourne, Florida 32935;

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 AUTOMATIC GAIN CONTROL AND FILTERING TECHNIQUES FOR USE IN ON-CHANNEL REPEATER by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on March 3, 2008, and assigned Serial No. 12/041,617, 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, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors,

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assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

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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 Melbourne Beach, Florida this 24<sup>th</sup> day of March, 2008.  
City State  
James A. Proctor, Jr.  
James A. Proctor, Jr.

Done at Melbourne, FL this 24 day of March, 2008.  
City State  
Kenneth M. Gainey  
Kenneth M. Gainey

Done at Melbourne, FL this 24 day of March, 2008.  
City State  
James C. Otto  
James C. Otto