

**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>Zhifei Fan</td> <td>08/19/2010</td> </tr> <tr> <td>Hao Xu</td> <td>09/10/2010</td> </tr> </tbody> </table>		Name	Execution Date	Zhifei Fan	08/19/2010	Hao Xu	09/10/2010
Name	Execution Date						
Zhifei Fan	08/19/2010						
Hao Xu	09/10/2010						
<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						
<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><b>Application Number:</b></td> <td>12844682</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12844682		
Property Type	Number						
<b>Application Number:</b>	12844682						
<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>Email:</b>	us-docketing@qualcomm.com						
<b>Correspondent Name:</b>	QUALCOMM Incorporated						
<b>Address Line 1:</b>	5775 Morehouse Drive						
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121						
<b>ATTORNEY DOCKET NUMBER:</b>	092866						
<b>NAME OF SUBMITTER:</b>	Gayle Gestick						
<b>Total Attachments: 4</b> source=092866_2010-09-10_Signed_ASST#page1.tif source=092866_2010-09-10_Signed_ASST#page2.tif source=092866_2010-09-10_Signed_ASST#page3.tif source=092866_2010-09-10_Signed_ASST#page4.tif							

**CH \$40.00 12844682**

## 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. Zhifei Fan, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, California, USA 92121; and a resident of San Diego, CA,
2. Hao Xu, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, USA 92121; and a resident of San Diego, CA,

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 APPARATUS FOR BLIND INTERFERENCE DECREASE/CANCELLATION TECHNIQUES** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **07/27/2010**, and assigned Serial No. **12/844,682**, including Provisional Application Number **61/229,699**, filed on **07/29/2009**, 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 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

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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 19 day of Aug, 2010.

  
\_\_\_\_\_  
Zhifei Fan

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Hao Xu

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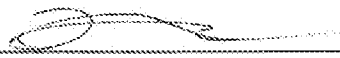
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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Zhifei Fan

Done at San Diego, California this 10 day of Sept, 2010.

  
\_\_\_\_\_  
Hao Xu