

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|---|--|---------------|----------------|---------------------|------------|----------------|------------|--------------|------------|----------------|------------|------------------|------------|-------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tao Chen</td> <td>01/14/2002</td> </tr> <tr> <td>Paul E. Bender</td> <td>01/07/2002</td> </tr> <tr> <td>Parag Agashe</td> <td>01/07/2002</td> </tr> <tr> <td>Ramin Rezaifar</td> <td>01/07/2002</td> </tr> <tr> <td>Rajesh K. Pankaj</td> <td>01/07/2002</td> </tr> <tr> <td>Yongbin Wei</td> <td>01/07/2002</td> </tr> </tbody> </table> | | Name | Execution Date | Tao Chen | 01/14/2002 | Paul E. Bender | 01/07/2002 | Parag Agashe | 01/07/2002 | Ramin Rezaifar | 01/07/2002 | Rajesh K. Pankaj | 01/07/2002 | Yongbin Wei | 01/07/2002 |
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| Ramin Rezaifar | 01/07/2002 | | | | | | | | | | | | | | |
| Rajesh K. Pankaj | 01/07/2002 | | | | | | | | | | | | | | |
| Yongbin Wei | 01/07/2002 | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
| Name: | QUALCOMM Incorporated | | | | | | | | | | | | | | |
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| Internal Address: | Patent Department/Central Administration | | | | | | | | | | | | | | |
| City: | San Diego | | | | | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | | | | | |
| Postal Code: | 92121 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12818946</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12818946 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 12818946 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 020020C2 | | | | | | | | | | | | | | |

CH \$40.00 12818946

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**PATENT
 REEL: 024590 FRAME: 0921**

NAME OF SUBMITTER:

Diane Epstein

Total Attachments: 3

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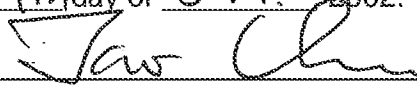
TO WHOM IT MAY CONCERN:

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 **Tao Chen**, a citizen of the United States of America having a place of residence at **5415 Harvest Run Drive, San Diego, California 92130**; **Paul E. Bender**, a citizen of the United States of America having a place of residence at **2879 Angell Avenue, San Diego, California 92122**; **Parag Agashe**, a citizen of India having a place of residence at **18971-17 Caminito Cantilena, San Diego, California 92128**; **Ramin Rezaifar**, a citizen of the United States of America having a place of residence at **10896 Caminito Arcada, San Diego, California 92131**; **Rajesh K. Pankaj**, a citizen of Canada having a place of residence at **7356 Park Village Road, San Diego, California 92129**; and **Yongbin Wei**, a citizen of People's Republic of China having a place of residence at **12140 Brickellia St., San Diego, California 92129**; 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 whole right, title and interest in and to a certain invention relating to a **METHOD AND SYSTEM FOR REDUCTION OF DECODING COMPLEXITY IN A COMMUNICATION SYSTEM** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **10/12/2001**, and assigned Serial No. **09/976,591**, 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, 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 14th day of Jan., 2002.



Tao Chen

Done at San Diego, California this 7 day of January, 2002.



Paul E. Bender

Done at San Diego, California this 7 day of JANUARY, 2002.



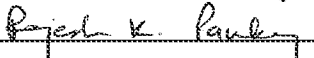
Parag Agashe

Done at San Diego, California this 7 day of Jan, 2002.



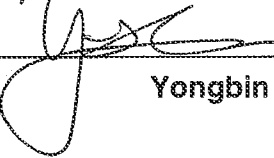
Ramin Rezaifar

Done at San Diego, California this 7th day of January, 2002.



Rajesh K. Pankaj

Done at San Diego, California this 7 day of Jan, 2002.



Yongbin Wei