

PATENT ASSIGNMENT

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| 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>Yan Ye</td> <td>08/04/2008</td> </tr> <tr> <td>Marta Karczewicz</td> <td>08/04/2008</td> </tr> </tbody> </table> | | Name | Execution Date | Yan Ye | 08/04/2008 | Marta Karczewicz | 08/04/2008 |
| Name | Execution Date | | | | | | |
| Yan Ye | 08/04/2008 | | | | | | |
| Marta Karczewicz | 08/04/2008 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | QUALCOMM Incorporated | | | | | | |
| Street Address: | 5775 Morehouse Drive | | | | | | |
| Internal Address: | Patent Department/Central Administration | | | | | | |
| 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>12133277</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12133277 | | |
| Property Type | Number | | | | | | |
| Application Number: | 12133277 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| Address Line 2: | Patent Department/Central Administration | | | | | | |
| Address Line 4: | San Diego, CALIFORNIA 92121 | | | | | | |
| ATTORNEY DOCKET NUMBER: | 080092U2 | | | | | | |
| NAME OF SUBMITTER: | Marion Comer De Yoe | | | | | | |

Total Attachments: 2
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PATENT
REEL: 021374 FRAME: 0590

CH \$40.00 12133277

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. Yan Ye, a citizen of China, having a place of residence at 5001 Pearlman Way, San Diego, California 92130, US; and
2. Marta Karczewicz, a citizen of Poland, having a place of residence at 9085 Judicial Drive, #2214, San Diego, California 92122, US;

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 **ADAPTIVE COEFFICIENT SCANNING FOR VIDEO CODING** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on June 4, 2008, and assigned Application Number 12/133,277, including, without limitation, all provisional patent applications, including Provisional Application Number 60/944,470, filed on June 15, 2007, and Provisional Application Number 60/979,762, filed on October 12, 2007, and all original and reissue patents granted thereof (in the United States and any foreign county), 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 me 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.

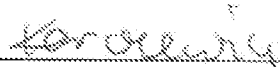
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Executed at San Diego, California, this 4th day of August, 2008.



YAN YE

Executed at San Diego, California, this 1st day of August, 2008.



MARTA KARCZEWICZ