

## PATENT ASSIGNMENT

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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>Khaled Helmi El-Maleh</td><td>03/14/2008</td></tr><tr><td>Ananthapadmanbhan A. Kandhadai</td><td>03/14/2008</td></tr></tbody></table>	Name	Execution Date	Khaled Helmi El-Maleh	03/14/2008	Ananthapadmanbhan A. Kandhadai	03/14/2008							
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>QUALCOMM Incorporated</td></tr><tr><td>Street Address:</td><td>5775 Morehouse Drive</td></tr><tr><td>Internal Address:</td><td>Patent Department/Central Administration</td></tr><tr><td>City:</td><td>San Diego</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92121</td></tr></table>	Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	Internal Address:	Patent Department/Central Administration	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121	
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Victoria J. Pacey												
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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. Khaled Helmi El-Maleh, a citizen of Canada, having a place of residence at 7689 Palmilla Drive # 1311, San Diego, CA 92122; and

2. Ananthapadmanabhan A. Kandhadai, a citizen of India, having a place of residence at 12526 Heatherton Court #183, San Diego, CA 92128;

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 **RE-FORMATTING VARIABLE-RATE VOCODER FRAMES FOR INTER-SYSTEM TRANSMISSIONS** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **August 3, 2005**, and assigned Serial No. **11/197,178**, 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 I have full right to do so, and agree that I 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.

## ASSIGNMENT

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 14<sup>th</sup> day of March, 2008.



Khaled Helmi El-Maleh

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Ananthapadmanabhan A. Kandhadai

## ASSIGNMENT

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 \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Khaled Helmi El-Maleh

Done at San Diego, California this 14<sup>th</sup> day of MARCH, 2008.

Ananthapadmanabhan A. Kandhadai  
Ananthapadmanabhan A. Kandhadai