

**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>Sharath Manjunath</td> <td>06/08/2007</td> </tr> <tr> <td>Ananthapadmanabhan Aasanipalai Kandhadai</td> <td>06/06/2007</td> </tr> <tr> <td>Eddie L.T. Choy</td> <td>05/29/2007</td> </tr> </tbody> </table>		Name	Execution Date	Sharath Manjunath	06/08/2007	Ananthapadmanabhan Aasanipalai Kandhadai	06/06/2007	Eddie L.T. Choy	05/29/2007
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Sharath Manjunath	06/08/2007								
Ananthapadmanabhan Aasanipalai Kandhadai	06/06/2007								
Eddie L.T. Choy	05/29/2007								
<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>11625797</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11625797				
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Application Number:	11625797								
<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>	8585605263								
<b>Email:</b>	US-Docketing@qualcomm.com								
<b>Correspondent Name:</b>	QUALCOMM Incorporated								
<b>Address Line 1:</b>	5775 Morehouse Drive								
<b>Address Line 2:</b>	Patent Department/Central Administration								
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121								
<b>ATTORNEY DOCKET NUMBER:</b>	050295U1								
<b>NAME OF SUBMITTER:</b>	Kelly T. Williams								

**CH \$40.00 11625797**

Total Attachments: 4

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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, **Sharath Manjunath**, a citizen of **India**, having a place of residence at **11326 Vista Sorrento Parkway, #202, San Diego, CA 92130**, **Ananthapadmanabhan Aasanipalai Kandhadai**, a citizen of **India**, having a place of residence at **12526 Heatherton Court #183, San Diego, CA 92128** and **Eddie L.T. Choy**, a citizen of **The United States of America**, having a place of residence at **6020 Paseo Airoso, Carlsbad, CA 92009**, 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:

**SELECTION OF ENCODING MODES AND/OR ENCODING RATES FOR SPEECH  
COMPRESSION WITH OPEN LOOP RE-DECISION**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **January 22, 2007**, and assigned Serial No. **11/625,797** (and we hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided when known), including, without limitation, all provisional patent applications, (including provisional application no. **60/760,799**, filed **01/20/2006** and **60/672,010**, filed **01/24/2006**) 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.

[Assignment/Multiple with Application]

**PATENT****REEL: 019409 FRAME: 0460**

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 8<sup>th</sup> day of JUNE, 2007.

  
\_\_\_\_\_  
**Sharath Manjunath**

Done at **San Diego, California** this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
**Ananthapadmanabhan Aasanipalai Kandhadai**

Done at **San Diego, California** this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

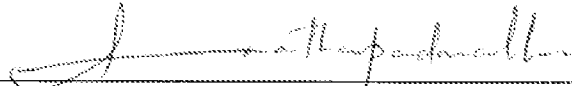
\_\_\_\_\_  
**Eddie L.T. Choy**

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 \_\_\_\_\_, 2007.

\_\_\_\_\_  
**Sharath Manjunath**

Done at **San Diego, California** this 6<sup>th</sup> day of JUNE, 2007.

  
\_\_\_\_\_  
**Ananthapadmanabhan Aasanipalai Kandhadai**

Done at **San Diego, California** this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
**Eddie L.T. Choy**

[Assignment/Multiple with Application]

**PATENT**  
**REEL: 019409 FRAME: 0462**

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 \_\_\_\_\_, 2007.

\_\_\_\_\_  
**Sharath Manjunath**

Done at **San Diego, California** this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
**Ananthapadmanabhan Aasanipalai Kandhadai**

Done at **San Diego, California** this 29th day of May, 2007.

  
\_\_\_\_\_  
**Eddie L.T. Choy**