

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dhananjay Ashok Gore	11/04/2009
Gwendolyn Denise Barriac	11/18/2009
Steven J Howard	11/05/2009
James Arthur Proctor Jr	11/27/2009
Kenneth M Gainey	11/10/2009
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	
Property Type	Number
Application Number:	12609874
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858-845-4265
Email:	patent.docketing.us@qualcomm.com
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	082423
NAME OF SUBMITTER:	Thomas W. Coyne

CH \$40.00 12609874

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PATENT
REEL: 023606 FRAME: 0106

Total Attachments: 15

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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/I,

1. Dhananjay Ashok Gore, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of San Diego, CA, USA.
2. Gwendolyn Denise Barriac, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Encinitas, CA, USA.
3. Steven J. Howard, a citizen of the United States, having a mailing address of 9 Damon Mill Square Ste. 2A, 3A, 3E, Concord, MA 01742; and a resident of Ashland, MA, USA.
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5. Kenneth M. Gainey, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Satellite Beach, FL, USA.


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 **FEEDBACK DELAY CONTROL IN AN ECHO CANCELLATION REPEATER** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **October 30, 2009**, and assigned Serial No. **12/609,874**, including Provisional

ASSIGNMENT

Application Number 61/177,196, filed on May 11, 2009, and all original and reissue patents granted thereof, and all divisions, 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 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.

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 this 4th day of Nov, 2009.


Dhananjay Ashok Gore

Done at _____ this _____ day of _____, 2009.

Gwendolyn Denise Barriac

Done at _____ this _____ day of _____, 2009.

Steven J. Howard

Done at _____ this _____ day of _____, 2009.

James Arthur Proctor

ASSIGNMENT

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Done at _____ this _____ day of _____, 2009.

Kenneth M. Gainey

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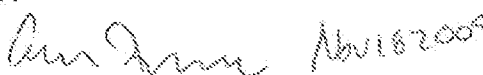
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Done at _____ this _____ day of _____, 2009.

Dhananjay Ashok Gore

Done at _____ this _____ day of _____, 2009.



Gwendolyn Denise Barriac

Done at _____ this _____ day of _____, 2009.

Steven J. Howard

Done at _____ this _____ day of _____, 2009.

James Arthur Proctor

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Done at _____ this _____ day of _____, 2009.

Dhananjay Ashok Gore

Done at _____ this _____ day of _____, 2009.

Gwendolyn Denise Barriac

Done at Casa de MA this 5th day of Novem, 2009.

Steven J. Howard
Steven J. Howard

Done at _____ this _____ day of _____, 2009.

James Arthur Proctor

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Done at _____ this _____ day of _____, 2009.

Dhananjay Ashok Gore

Done at _____ this _____ day of _____, 2009.

Gwendolyn Denise Barriac

Done at _____ this _____ day of _____, 2009.

Steven J. Howard

Done at Albany, N.Y. this 27th day of Nov, 2009.

James Arthur Proctor Jr.

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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.

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Done at _____ this _____ day of _____, 2009.

Dhananjay Ashok Gore

Done at _____ this _____ day of _____, 2009.

Gwendolyn Denise Barriac

Done at _____ this _____ day of _____, 2009.

Steven J. Howard

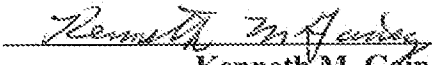
Done at _____ this _____ day of _____, 2009.

James Arthur Proctor

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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 14:10 this 10th day of November 2009.


Kenneth M. Gainey