



SHEET

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Attorney Docket No.: 051301

8-1-06

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
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Correction of PTO Error
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Conveyance Type

Assignment

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NAME	EXECUTION DATE
	Month, Day, Year (MMDDYYYY)
Sang-Uk Ryu	07/07/2006
Eddie L.T. Choy	06/27/2006
Samir Kumar Gupta	07/24/2006

Receiving Party(ies) Mark if additional names are attached

Name: QUALCOMM Incorporated
A Delaware Corporation

Address: 5775 Morehouse Drive
San Diego, California, 92121-1714

Correspondence Name and Address

Name: QUALCOMM Incorporated (PTO Customer No. 23696) **Telephone Number:** (858) 651-1179
Attn: Patent Department **Facsimile:** (858) 658-2502

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

Pages (Enter the total number of pages of the attached conveyance document including any attachments)
Total number of pages: four

Application Number(s) or Patent Number(s)
If this document is being filed together with a new application, the execution date of the application is:

Patent Application Number(s): 11/431,733 **Patent Number(s):**

Number of Properties (Enter the total number of properties involved)
Total number of properties: one

Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41): \$40**

Method of Payment: Enclosed Deposit Account (A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: 7/28/06
Name: Timothy F. Loomis, Reg. No. 37,383
858-845-8355

Signature:

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FINANCE SECTION

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. **Sang-Uk Ryu**, a citizen of South Korea, having a place of residence at 734 Elkus Walk, Apt. #206, Goleta, California 93117;
2. **Eddie L.T. Choy**, a citizen of Canada having a place of residence at 6020 Paseo Airoso, Carlsbad, California 92009; and
3. **Samir Kumar Gupta**, a citizen of the United States, having a place of residence at 11156 Corte Pleno Verano, San Diego, California 92130;

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 a **ENCODER-ASSISTED FRAME LOSS CONCEALMENT TECHNIQUES FOR AUDIO CODING** by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **May 10, 2006**, assigned Application Number **11/431,733**, and all original and reissue patents granted thereof, and all provisional applications thereof, including Application Number **60/732,012**, filed on **October 31, 2005**, which claims priority to Application Number **60/730,459**, filed on **October 26, 2005**, 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

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ASSIGNMENT

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 Goleta, California this 7 day of July, 2006.



Sang-Uk Ryu

Done at San Diego, California this _____ day of _____, 2006.

Eddie L.T. Choy

Done at San Diego, California this _____ day of _____, 2006.

Samir Kumar Gupta

ASSIGNMENT

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 Goleta, California this _____ day of _____, 2006.

Sang-Uk Ryu

Done at San Diego, California this 27th day of June, 2006.

Eddie L.T. Choy

Done at San Diego, California this _____ day of _____, 2006.

Samir Kumar Gupta

ASSIGNMENT

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 Goleta, California this ____ day of _____, 2006.

Sang-Uk Ryu

Done at San Diego, California this ____ day of _____, 2006.

Eddie L.T. Choy

Done at San Diego, California this 27 day of July, 2006.



Samir Kumar Gupta