PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James Edward Sullivan Jr.	03/31/2006
Jaya Prakash Subramaniam Ganasan	04/04/2006
Richard Gerard Hofmann	03/30/2006

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
Internal Address:	Patent Department
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12561381

CORRESPONDENCE DATA

Fax Number: (858)658-2502

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	051168C1
NAME OF SUBMITTER:	Peter M. Kamarchik

Total Attachments: 2

500964866

CH $40.00 12561381

**PATENT
REEL: 023244 FRAME: 0345**

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I,

James Edward Sullivan, a citizen of the United States, having a place of residence at 120 Running Creek Rd, Cary, NC 27511

Jaya Prakash Subramaniam Ganasan, a citizen of the United States, having a place of residence at 35 Prestwould Drive, Youngsville, NC 27596

Richard Gerard Hofmann, a citizen of the United States, having a place of residence at 103 Okehampton Court, Cary, NC 27511
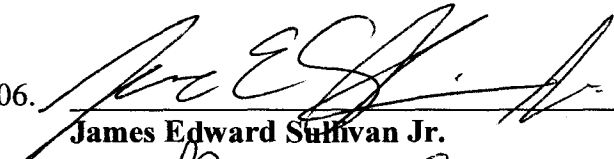
have sold, assigned and transferred and, by these presents, do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to:
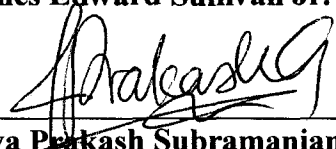
Efficient Execution of Memory Barrier Bus Commands

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on ___September 17, 2009___, and assigned Serial No. ___12/561,381___ (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided above when known), including, without limitation, all provisional patent applications, including Serial No. **60/781,091**, filed **March 10, 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 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 that may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Efficient Execution of Memory Barrier Bus Commands

Done at Cary, North Carolina this
_31_ day of _March_ , 2006.

James Edward Sullivan Jr.

Done at Cary, North Carolina this
_4th_ day of _April_ , 2006.

Jaya Prakash Subramaniam Ganasan

Done at Cary, North Carolina this
_30th_ day of _March_ , 2006.

Richard Gerard Hofmann

[Assignment/Sole Inventor with Application]
PATENT