09:00am

Porm PTO-1596 (Rev., 06/04) OMB No. 0661-0027 (exp., 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Tredemods Official
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1. Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(les)
Fally Vilayen	Name: Qualcomm, Inc.
Gordon Kent Walker Bruce Collins	Internal Address: Patent Dept.
Dhinaker Radhakrishnan Plantaswamy Murali	
Execution Date(s) 3/4/05.3/7/08.3/4/05,3/4/05.3/7/05	Street Address: 5776 Merehouse Drive
Additional name(s) of conveying party(les) attached? Yes 🗹 No	
3. Nature of conveyance:	City: San Diego
Assignment Merger	, , <u> </u>
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Executive Order 9424, Confirmatory License	Additional name(s) & address(es) attached? Yes No.
Other	document is being filed together with a new application.
4. Application or patent number(s): A. Patent Application No.(s)	B. Patent No.(6)
Serial # 10/966,702	
Additional langithba	pached? Yes VNo
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be malled:	Involved: 1
Name: Qualcomm, Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
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State: California Zip: 92121	a. Credit Card Last 4 Numbers Expiration Date
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	(5, 7257) March (4, 2008
Signature	
Sandip (Micky) B. Minhas, Reg. No. 44,945	Total number of pages including cover sheet, attachments, and documents:
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Decuments to be recorded [including cover shoot) should be fixed to (705) \$06-6905, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1440, Alexandria, V.A. 22313-1450

PATENT REEL: 016173 FRAME: 0293

ATTORNEY DOCKET NO. 040024

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 Rajiv Vijayan, a citizen of the United States of America having a place of residence at 9604 Babanta Road, San Diego, California 92129, and Gordon Kent Walker, a citizen of the United States of America having a place of residence at 14484 Huntington Gate Drive, Poway, California 92064, and Bruce Collins, a citizen of the United States of America having a place of residence at 11730 Angelique Street, San Diego, California 92131, and Dhinakar Radhakrishnan, a citizen of India having a place of residence at 10855 Charbone Pt., San Diego, California 92131 and Ramaswamy Murali, a citizen of India having a place of residence at 11723 Springside Road, San Diego, California 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 whole right, title and interest in and to a certain invention relating to:

TRANSMISSION OF OVERHEAD INFORMATION FOR RECEPTION OF MULTIPLE DATA STREAMS

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on October 18, 2004, as Serial No. 10/968,702 including, without limitation, all provisional patent applications, including Serial No. 60/514,320, filed October 24, 2003, 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

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testify in any legal proceedings, sign all lawful papers, make all rightful eaths 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, California this 4th day of March, 2005.



Done at San Diego, California this 7th day of March, 2005.



Done at San Diego, California this 4th day of March, 2005.



Done at San Diego, California this 4th day of March, 2005.

Dhinakar Radhakrishnan

Done at San Diego, California this 7th day of March, 2005.

Ramaswamy Mural

REEL: 016173 FRAME: 0295,