

PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Arak Sutivong	11/03/2004
Avneesh Agrawal	11/03/2004
David Jonathan Julian	11/03/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUALCOMM Incorporated
<b>Street Address:</b>	5775 Morehouse Drive
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121-1714
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13206206
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	040404U1C1D1
<b>NAME OF SUBMITTER:</b>	Marvin Jefferson
<b>Total Attachments: 3</b> source=040404U1C1D1_ASST#page1.tif source=040404U1C1D1_ASST#page2.tif source=040404U1C1D1_ASST#page3.tif	

CH \$40.00 13206206

**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 Arak Sutivong, a citizen of Thailand having a place of residence at 8840 Costa Verde Blvd., San Diego, California, and Avneesh Agrawal, a citizen of India having a place of residence at 7891 Doug Hill, San Diego, California, and David Julian, a citizen of the United States of America having a place of residence at 8540 Costa Verde Blvd., #4347, San Diego, California; 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:

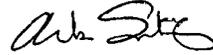
**ROBUST ERASURE DETECTION AND ERASURE-RATE-BASED CLOSED LOOP**

**POWER CONTROL**

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **July 13, 2004**, as Serial No. 10/890,717, including, without limitation, all provisional patent applications, **including Serial No. 60/580,819, filed June 18, 2004**, 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.

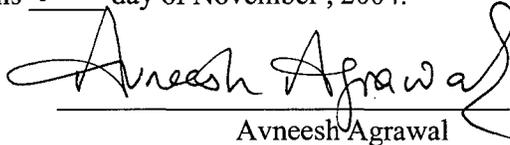
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 3<sup>rd</sup> day of November, 2004.



Arak Sutivong

Done at San Diego, California this 3<sup>rd</sup> day of November, 2004.



Avneesh Agrawal

Done at San Diego, California this 3<sup>rd</sup> day of November, 2004.



David Jonathan Julian



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## Patent Assignment Details

**NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.**

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Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

## Total properties: 1

1 Patent #: NONE Issue Dt: Application #: 10890717 Filing Dt: 07/13/2004  
 Publication #: [US20050283715](#) Pub Dt: 12/22/2005  
 Title: Robust erasure detection and erasure-rate-based closed loop power control

## Assignors

1 [SUTIVONG, ARAK](#) Exec Dt: 11/03/2004  
 2 [AGRAWAL, AVNEESH](#) Exec Dt: 11/03/2004  
 3 [JULIAN, DAVID JONATHAN](#) Exec Dt: 11/03/2004

## Assignee

1 [QUALCOMM, INC.](#)  
 5775 MOREHOUSE DR.  
 PATENT DEPT. T130H  
 SAN DIEGO, CALIFORNIA 92121

## Correspondence name and address

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Search Results as of: 10/12/2006 11:26 AM

If you have any comments or questions concerning the data displayed, contact PRD / Assignments at 571-272-3350.  
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