

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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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>
John W Ketchum	06/26/2007
Sanjiv Nanda	06/26/2007
Arnaud Meylan	06/26/2007
Shravan K Surineni	06/26/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUALCOMM Incorporated
<b>Street Address:</b>	5775 Morehouse Dr.
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13277450
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)658-2502
<b>Phone:</b>	858-845-4265
<b>Email:</b>	patent.docketing.us@qualcomm.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED
<b>Address Line 1:</b>	5775 MOREHOUSE DR.
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>ATTORNEY DOCKET NUMBER:</b>	061512D1
<b>NAME OF SUBMITTER:</b>	Sheryl Schoen
Total Attachments: 6	

**CH \$40.00 13277450**

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**PATENT  
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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 John W. Ketchum, a citizen of the United States of America having a place of residence at 37 Candleberry Lane, Harvard, Massachusetts 01451, and Sanjiv Nanda, a citizen of the United States of America having a place of residence at 16808 Daza Drive, Ramona, California 92065, and Arnaud Meylan, a citizen of the United States of America having a place of residence at 3103 Natchez Av., San Diego, California 92117, and Shravan K. Surineni, a citizen of India having a place of residence at 1000 Lexington St, #32, Waltham, Massachusetts 02452; 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:

**METHOD AND SYSTEM FOR PROVIDING BEAMFORMING FEEDBACK IN  
WIRELESS COMMUNICATION SYSTEMS**

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **June 26, 2007**, and assigned Serial No. **11/768,329**, including, without limitation, all provisional patent applications, **including Serial No. 60/816,988, filed June 27, 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 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 Harvard, Massachusetts this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
John W. Ketchum

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
Sanjiv Nanda

Done at San Diego, California this 26<sup>th</sup> day of June, 2007.

  
\_\_\_\_\_  
Arnaud Meylan

Done at Waltham, Massachusetts this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

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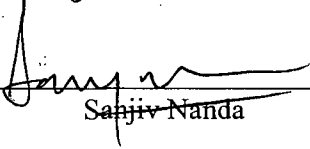
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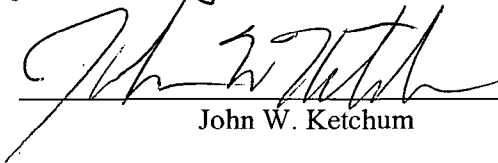
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