

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ashwin Raghunathan</td><td>02/25/2009</td></tr><tr><td>Marzio Pedrali-Noy</td><td>02/24/2009</td></tr></tbody></table>	Name	Execution Date	Ashwin Raghunathan	02/25/2009	Marzio Pedrali-Noy	02/24/2009	
Name	Execution Date						
Ashwin Raghunathan	02/25/2009						
Marzio Pedrali-Noy	02/24/2009						
RECEIVING PARTY DATA							
Name:	QUALCOMM Incorporated						
Street Address:	5775 Morehouse Drive						
City:	San Diego						
State/Country:	CALIFORNIA						
Postal Code:	92121						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12367980</td></tr></tbody></table>	Property Type	Number	Application Number:	12367980			
Property Type	Number						
Application Number:	12367980						
CORRESPONDENCE DATA							
Fax Number:	(858)658-2502						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	858-845-2505						
Email:	us-docketing@qualcomm.com						
Correspondent Name:	QUALCOMM Incorporated						
Address Line 1:	5775 Morehouse Drive						
Address Line 4:	San Diego, CALIFORNIA 92121						
ATTORNEY DOCKET NUMBER:	081050U2						
NAME OF SUBMITTER:	Christine Molla						
Total Attachments: 4 source=081050U2-Assignment_As_Filed#page1.tif source=081050U2-Assignment_As_Filed#page2.tif source=081050U2-Assignment_As_Filed#page3.tif							

CH 12367980 \$40.00

PATENT

REEL: 022336 FRAME: 0796

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## ASSIGNMENT

### TO WHOM IT MAY CONCERN:

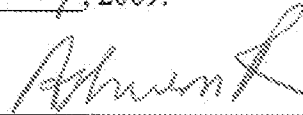
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Ashwin Raghunathan, a citizen of India, having a place of residence at 3765 Tamarack Lane, Apt. 89, Santa Clara, CA 95051, the United States of America; and
2. Marzio Pedrali-Noy, a citizen of Italy, having a place of residence at 7215 Calabria Court #81, San Diego, CA 92122, the United States of America;

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, "TECHNIQUES FOR MINIMIZING CONTROL VOLTAGE NOISE DUE TO CHARGE PUMP LEAKAGE IN PHASE LOCKED LOOP CIRCUITS" by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on February 9, 2009, and assigned Application Number 12/367,980, including, without limitation, all provisional patent applications, including Provisional Application Number 61/114,041, filed on November 12, 2008, and all original and reissue patents granted thereof (in the United States and any foreign county), 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 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 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 25<sup>th</sup> day of FEBRUARY, 2009.



ASHWIN RAGHUNATHAN

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

MARZIO PEDRALI-NOY

## 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. Ashwin Raghunathan, a citizen of India, having a place of residence at 3765 Tamarack Lane, Apt. 89, Santa Clara, CA 95051, the United States of America; and
2. Marzio Pedrali-Noy, a citizen of Italy, having a place of residence at 7215 Calabria Court #81, San Diego, CA 92122, the United States of America;

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, "TECHNIQUES FOR MINIMIZING CONTROL VOLTAGE NOISE DUE TO CHARGE PUMP LEAKAGE IN PHASE LOCKED LOOP CIRCUITS" by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on February 9, 2009, and assigned Application Number 12/367,980, including, without limitation, all provisional patent applications, including Provisional Application Number 61/114,041, filed on November 12, 2008, and all original and reissue patents granted thereof (in the United States and any foreign county), 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 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 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 \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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ASHWIN RAGHUNATHAN

Done at San Diego, California this 29 day of FEB, 2009.



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MARZIO PEDRALI-NOY