

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Aspen Acquisition Corporation	09/27/2012
RECEIVING PARTY DATA	
Name:	Qualcomm Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 20	
Property Type	Number
Application Number:	12991877
Application Number:	12994115
Application Number:	13282800
Application Number:	13057469
Application Number:	13061106
Application Number:	11245164
Application Number:	11413589
Application Number:	11718607
Application Number:	12274935
Application Number:	12362329
Application Number:	12365130
Application Number:	12373028
Application Number:	12375203
Application Number:	12403021
Application Number:	12442374

OP \$800.00 12991877

Application Number:	12513838
Application Number:	12579867
Application Number:	12579893
Application Number:	12579912
Application Number:	12740423

CORRESPONDENCE DATA

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NAME OF SUBMITTER:

Mark Abumeri

Total Attachments: 15

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PATENT ASSIGNMENT

WHEREAS, Aspen Acquisition Corporation, a Delaware corporation, having a place of business located at 5775 Morehouse Drive, San Diego, CA 92121 (hereinafter "ASSIGNOR"), hereby represents and warrants that it is the sole and exclusive owner of the entire right, title, and interest in, to and under the Patent Items (as defined below).

WHEREAS, QUALCOMM Incorporated, a Delaware corporation, (hereinafter "ASSIGNEE"), has agreed to acquire ASSIGNOR's entire right, title and interest in, to and under (i) the patents and patent applications identified in the schedule attached hereto (hereinafter "SCHEDULE A"), and all provisional applications relating thereto; (ii) all patents issuing on any patent applications identified in SCHEDULE A; (iii) all reissues, reexaminations, extensions, divisionals, renewals, continuations, continuations-in-part and counterparts (whether foreign or domestic) claiming priority to or based on any of the foregoing items in (i) or (ii) above, along with all patents issuing therefrom; and (iv) all inventions and improvements claimed or described in any of the foregoing items (i), (ii) or (iii) (subsections (i), (ii), (iii) and (iv) hereinafter collectively referred to as the "Patent Items").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR and ASSIGNEE agree as follows:

1. ASSIGNOR does hereby sell, assign, transfer, convey and deliver unto ASSIGNEE, its successors, legal representatives and assigns, ASSIGNOR's entire right, title and interest throughout the world in, to and under the Patent Items, including without limitation all foreign patents and any rights of priority based on or relating to the Patent Items.

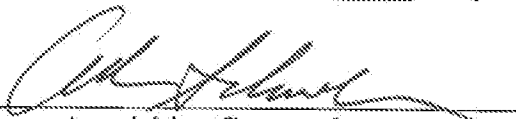
2. ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States of America, and any Official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications, to issue all patents for the Patent Items to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this Patent Assignment.

3. ASSIGNOR hereby sells, assigns, transfers, conveys and delivers to ASSIGNEE, its successors, legal representatives and assigns, ASSIGNOR's entire rights of enforcement, all of ASSIGNOR's claims for damages and remedies arising out of, relating to or resulting from the Patent Items or any violation(s) thereof, whether accrued prior to the date of this Patent Assignment or hereafter, including but not limited to the right to sue for, seek, collect, recover and retain damages and any other relief arising out of or resulting from any past, present or future infringement or violation of any of the Patent Items, and all other rights, including common law rights, that ASSIGNOR may have relating to the Patent Items, including but not limited to any ongoing or prospective royalties to which ASSIGNOR may be entitled, or that ASSIGNOR may collect for any infringements of any of the Patent Items or from any settlement or agreement related to the Patent Items arising before or after the date of this Patent Agreement, such rights to be held and enjoyed by ASSIGNEE, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Patent Assignment had not been made.

4. ASSIGNOR hereby represents and warrants that ASSIGNOR has full right, power and authority to sell, assign, transfer, convey and deliver all of the subject matter set forth herein, and hereby covenants and agrees that ASSIGNOR will communicate promptly to ASSIGNEE, its successors, legal representatives and assigns, all facts known to ASSIGNOR respecting the Patent Items, and will testify in any legal proceeding, sign all lawful papers, transfer all file histories, make diligent effort to find or reach every inventor of the Patent Items required in connection with preparation of any lawful document or proceeding relating to the Patent Items, make reasonable efforts to obtain all required signed and executed documents relating to the Patent Items from every inventor named in the Patent Items, make all rightful declarations and/or oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce patent protection for the Patent Items on a worldwide basis in all countries. ASSIGNOR further covenants and agrees that ASSIGNOR will wholly refrain from challenging the validity, enforceability or scope of the Patent Items, whether through opposition, reexamination and/or court proceedings.

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IN WITNESS WHEREOF, I hereunto set my hand this 27th day of September, 2012.


Aspen Acquisition Corporation

Printed Name: Adam Schwenker

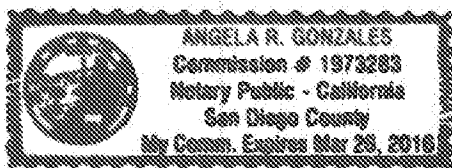
Title: Assistant Secretary

State of California)
County of San Diego) ss.

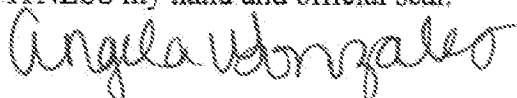
On September 27, 2012, before me, Angela R. Gonzales, Notary Public
Date *Name of Notary Public*
personally appeared Adam P. Schwenker
Name of Signer

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

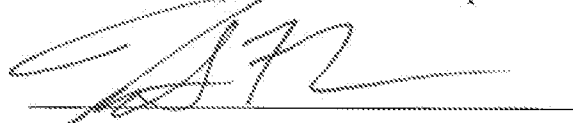


WITNESS my hand and official seal.



IN WITNESS WHEREOF, acknowledged and accepted on this 9th day of October, 2012.

On Behalf of QUALCOMM Incorporated



Printed Name: Timothy F. Loomis

Title: V.P., Patent Counsel

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

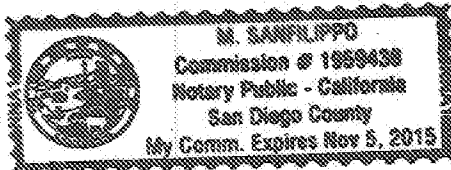
CIVIL CODE § 1180

State of California

County of SAN DIEGO

On OCTOBER 9, 2012 before me, M. SANFILIPPO, NOTARY PUBLIC

personally appeared TIMOTHY F. LOOMIS



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: M. Sanfilippo

Place Notary Seal Above

OPTIONAL

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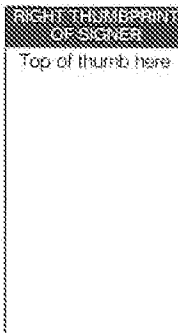
☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____



Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Individual

☐ Partner — ☐ Limited ☐ General

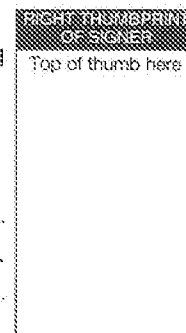
☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____



SCHEDULE A

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103167CN	China	05 May 2003	03811422.4	23 Jul 2008	ZL03811422.4
103161CN	China	05 May 2003	03812145.X	14 Jan 2009	ZL03812145.X
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Patent Ref	Jurisdiction	Filed Date	Application Number	Grant Date	Patent Number
103205EP	European Patent	07 Jun 2005	05757668.2		
103199EP	European Patent	04 Mar 2005	05724542.5	15 Sep 2010	EP1769335
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