

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3119422

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	QUALCOMM LIFE, INC.	11/19/2014
RECEIVING PARTY DATA		
Name:	QUALCOMM INCORPORATED	
Street Address:	5775 MOREHOUSE DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	
PROPERTY NUMBERS Total: 7		
Property Type	Number	
Patent Number:	8690785	
Application Number:	61943777	
Application Number:	62000078	
Application Number:	14202062	
Application Number:	13129618	
Application Number:	13985889	
Application Number:	61454019	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	lsabido@qualcomm.com	
Correspondent Name:	QUALCOMM INCORPORATED	
Address Line 1:	5775 MOREHOUSE DRIVE	
Address Line 4:	SAN DIEGO, CALIFORNIA 92121	
ATTORNEY DOCKET NUMBER:	147214; 147210P1; ETC.	
NAME OF SUBMITTER:	L. SABIDO	
SIGNATURE:	/L. SABIDO/	
DATE SIGNED:	11/21/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 9

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Qualcomm Life, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 19, 2014

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: QUALCOMM Incorporated

Internal Address: _____

Street Address: 5775 MOREHOUSE DRIVE

City: SAN DIEGO

State: CA

Country: USA Zip: 92121

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

61/943,777; 62/000,078; 14/202,062;

8,690,785

Additional numbers attached? ☒ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: QUALCOMM Incorporated

Internal Address: _____

Street Address: 5775 MOREHOUSE DRIVE

City: SAN DIEGO

State: CA Zip: 92121

Phone Number: _____

Docket Number: 147214; 147210P1; 147209P1; etc.

Email Address: _____

6. Total number of applications and patents involved: 7

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 170026

Authorized User Name Jane Wu

9. Signature: /L. SABIDO/

November 21, 2014

Signature

Date

L. SABIDO

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

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CONTINUATION OF RECORDATION FORM COVER SHEET

PATENTS ONLY

4. Application numbers:

13/129,618; 13/985,889; 61/454,019

PATENT ASSIGNMENT

WHEREAS, Qualcomm Life, Inc., a California 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 all right, title, and interest in, to and under the Patent Items (as defined below).

WHEREAS, QUALCOMM Incorporated, a Delaware corporation, having a place of business located at 5775 Morehouse Drive, San Diego, California, 92121, U.S.A. (hereinafter "ASSIGNEE"), has agreed to acquire all right, title and interest in, to and under (i) the registered patents and patent applications identified in the Exhibit attached hereto (hereinafter the "Exhibit 1"), and all provisional applications relating thereto; (ii) all patents issuing on any patent applications identified in the Exhibit; (iii) all reissues, reexaminations, extensions, divisionals, renewals, continuations, continuations-in-part and counterparts (whether foreign or domestic) claiming priority to 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, these parties hereto agree as follows:

ASSIGNOR does hereby sell, assign, transfer, convey and deliver unto ASSIGNEE, its successors, legal representatives and assigns, all 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.

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.

ASSIGNOR hereby sells, assigns, transfers, conveys and delivers to ASSIGNEE, its successors, legal representatives and assigns, all rights of enforcement, all claims for damages and all 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.

ASSIGNOR hereby represents and warrants that it 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 upon the written request of ASSIGNEE, 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 necessary or appropriate in connection with preparation of any lawful document or proceeding relating to the Patent Items, make reasonable efforts to obtain all necessary or appropriate 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. ASSIGNEE further covenants and agrees that it 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 19th day of NOVEMBER, 2014.

[Signature]
[ASSIGNOR'S REPRESENTATIVE]

Printed Name: Steven S. Gardner

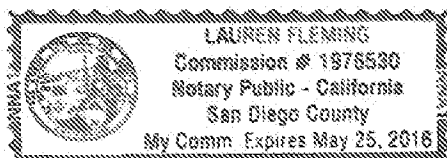
Title: Vice President

State of California)
) ss.
County of San Diego)

On November 19, 2014, before me, Lauren Fleming, Notary Public
Date *Name of Notary Public*
personally appeared STEVEN S. GARDNER
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.

[Signature]

IN WITNESS WHEREOF, acknowledged and accepted on this 20th day of November, 2014.

On Behalf of QUALCOMM Incorporated

[Signature]

Printed Name: Timothy F. Loomis

Title: VP, Patent Counsel

Granted Cases: QUALCOMM LIFE, INC.

Country	Title	Status	Application No.	Filing Date	Patent No.	Qualcomm Docket No.
US	A method and an apparatus for determination of blood pressure	Granted	11/993,612	6/27/2006	8,690,785	147214
EP	A system for measuring blood pressure in an artery	Granted	07846423.7	12/20/2007	EP2096985	147213EP
DE	A system for measuring blood pressure in an artery	Granted	602007008291.9	12/20/2007	EP2096985	147213DE
FR	A system for measuring blood pressure in an artery	Granted	07846423.7	12/20/2007	EP2096985	147213FR
GB	A system for measuring blood pressure in an artery	Granted	07846423.7	12/20/2007	EP2096985	147213GB

Pending Cases: QUALCOMM LIFE, INC.

Country	Title	Status	Application No.	Filing Date	Qualcomm Docket No.
HK	A method of and a system for determining a cardiovascular quantity of a mammal	Pending	UNKNOWN	2/17/2012	147211CNHK
US	Method for determining pulse wave velocity in an artery	Pending	61/943,777	2/24/2014	147210P1
US	Method of calibrating a non-interfering continuous blood pressure measuring device	Pending	62/000,078	5/19/2014	147209P1
EP	A method and an apparatus for determination of blood pressure	Pending	06742488.7	6/27/2006	147214EP
US	A method and an apparatus for determination of blood pressure	Pending	14/202,062	3/10/2014	147214C1
EP	Methods, apparatus and sensor for measurement of cardiovascular quantities	Pending	09760466.4	11/18/2009	147212EP
US	Methods, apparatus and sensor for measurement of cardiovascular quantities	Pending	13/129,618	11/18/2009	147212
CN	A method of and a system for determining a cardiovascular quantity of a mammal	Pending	201280018884.2	2/17/2012	147211CN
IN	A method of and a system for determining a cardiovascular quantity of a mammal	Pending	6603/CHENP/2013	2/17/2012	147211IN
JP	A method of and a system for determining a cardiovascular quantity of a mammal	Pending	2013-553793	2/17/2012	147211JP

Pending Cases: QUALCOMM LIFE, INC.

Country	Title	Status	Application No.	Filing Date	Qualcomm Docket No.
EP	A method of and a system for determining a cardiovascular quantity of a mammal	Pending	12/46621.7	2/17/2012	147211EP
US	A method of and a system for determining a cardiovascular quantity of a mammal	Pending	13/985,889	2/14/2012	147211
US	Method for determining pulse wave velocity in an artery	To Be Filed	TBD	TBD	147210
US	Method of calibrating a non-interfering continuous blood pressure measuring device	To Be Filed	TBD	TBD	147209

Inactive Cases

Country	Title	Status	Application No	Filing Date	Qualcomm Docket No
DK	A method and an apparatus for determination of blood pressure	Lapsed	200500953	6/27/2005	147214DK
DK	A system for measuring blood pressure in an artery	Lapsed	200700008	1/4/2007	147213DK
DK	Methods, apparatus and sensor for measurement of cardiovascular quantities	Lapsed	200801611	11/18/2008	147212DK
DK	A method of and a system for determining a cardiovascular quantity of a mammal	Lapsed	201100110	2/17/2011	147211DK
WO	Apparatus for determination of blood pressure	Expired	PCT/DK2006/000378	6/27/2006	147214WO
WO	A system for measuring blood pressure in an artery	Expired	PCT/DK2007/000553	12/20/2007	147213WO
WO	Methods, apparatus and sensor for measurement of cardiovascular quantities	Expired	PCT/DK2009/000241	11/18/2009	147212WO
US	A method of and a system for determining a cardiovascular quantity of a mammal	Expired	61/454,019	3/18/2011	147211P1
WO	A method of and a system for determining a cardiovascular quantity of a mammal	Expired	PCT/DK2012/050054	2/17/2012	147211WO