

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2774546

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JASON FRANK HUNZINGER	03/13/2014
RECEIVING PARTY DATA		
Name:	QUALCOMM INCORPORATED	
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City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121-1714	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14167727
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NAME OF SUBMITTER:	RANDOL W. READ	
SIGNATURE:	/Randol W. READ/	
DATE SIGNED:	03/19/2014	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, I, **Nina Marcos**, (hereinafter "ASSIGNOR"), a citizen of the **United States of America**, having a mailing address located at **1346 Cassins Street, Carlsbad, CA 92011**, and a resident of **Carlsbad, California**, am the legal representative of **Jason Frank Hunzinger**, (hereinafter "INVENTOR") pursuant to **Letters of Administration issued by the Superior Court of California, County of San Diego, Case Number 37-2013-00040365-PR-SP-CTL**, said INVENTOR having conceived one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **BEHAVIORAL HOMEOSTASIS IN ARTIFICIAL NERVOUS SYSTEMS USING DYNAMICAL SPIKING NEURON MODELS** (collectively the "IMPROVEMENTS") for which one or more patent applications have been executed and/or may be executed, and who died on **December 21, 2012**, and

WHEREAS, **QUALCOMM Incorporated** (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at **5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.**, desires to acquire and/or affirm said ASSIGNEE's ownership of the entire right, title, and interest in and to said IMPROVEMENTS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below;

NOW, THEREFORE, for good and valuable consideration, the receipt of which has been acknowledged, I do hereby acknowledge that said INVENTOR has sold, assigned, conveyed, and transferred, and, to the extent that said IMPROVEMENTS have not been adequately and/or fully assigned by said INVENTOR to said ASSIGNEE, by these presents, I do hereby sell, assign, convey, and transfer, unto said ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said IMPROVEMENTS, including all patent applications therefor that may have been filed or may be filed hereafter for said IMPROVEMENTS in the United States, including but not limited to U.S. Application No. **14/167,727**, filed **January 29, 2014**, Qualcomm Docket No. **124438** and all provisional applications relating thereto, together with U.S. Provisional Application No. **61/864,794**, filed **August 12, 2013**, Qualcomm Docket No. **124438P1**, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND I further do acknowledge and agree that said INVENTOR has sold, assigned, conveyed, and transferred, and by these presents, I do hereby sell, assign, convey, and transfer, unto said ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, treaties, or agreements, and the entire right, title, and interest throughout the world in said IMPROVEMENTS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said IMPROVEMENTS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part

applications, patent of addition applications, confirmation applications, validation applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said IMPROVEMENTS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

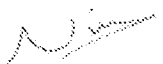
AND I DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said IMPROVEMENTS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND I DO HEREBY affirm that said INVENTOR has sold, assigned, conveyed, and transferred, and I do hereby sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which said ASSIGNOR may be entitled, or that said ASSIGNOR may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND I HEREBY covenant and agree that I will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to me respecting said IMPROVEMENTS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said IMPROVEMENTS in all countries;

AND I HEREBY represent that I have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that I have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Carlsbad CA this 13TH day of March, 2014.
City, State



Nina Marcos
Legal Representative for
Jason Frank Hunzinger

STATE OF CALIFORNIA }
COUNTY OF San Diego } ss.

On 3/13/14, before me, Christine N. Hughey notary public,
personally appeared Nina Marcos 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 she executed the same in her authorized capacity, and that by her
signature on the instrument the person upon behalf of which she 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.

[SEAL]

Christine N. Hughey
Notary Signature

