

PATENT ASSIGNMENT COVER SHEET

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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>SANTOSH PAUL ABRAHAM</td> <td>10/16/2013</td> </tr> <tr> <td>GEORGE CHERIAN</td> <td>10/01/2013</td> </tr> <tr> <td>ROLF DE VEGT</td> <td>01/06/2014</td> </tr> </tbody> </table>		Name	Execution Date	SANTOSH PAUL ABRAHAM	10/16/2013	GEORGE CHERIAN	10/01/2013	ROLF DE VEGT	01/06/2014
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SANTOSH PAUL ABRAHAM	10/16/2013								
GEORGE CHERIAN	10/01/2013								
ROLF DE VEGT	01/06/2014								
RECEIVING PARTY DATA									
Name:	QUALCOMM INCORPORATED								
Street Address:	5775 MOREHOUSE DRIVE								
City:	SAN DIEGO								
State/Country:	CALIFORNIA								
Postal Code:	92121-1714								
PROPERTY NUMBERS Total: 3									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14024214</td> </tr> <tr> <td>Application Number:</td> <td>61716372</td> </tr> <tr> <td>Application Number:</td> <td>61701924</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14024214	Application Number:	61716372	Application Number:	61701924
Property Type	Number								
Application Number:	14024214								
Application Number:	61716372								
Application Number:	61701924								
CORRESPONDENCE DATA									
Fax Number:	(949)760-9502								
Email:	efiling@knobbe.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	KNOBBE MARTENS OLSEN & BEAR								
Address Line 1:	2040 MAIN STREET								
Address Line 4:	IRVINE, CALIFORNIA 92614								
ATTORNEY DOCKET NUMBER:	QTELE.028A								
NAME OF SUBMITTER:	ERIC A BERNSEN								
Signature:	/Eric A. Bernsen/								

PATENT

Date:

01/09/2014

Total Attachments: 9

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ASSIGNMENT

WHEREAS, WE,

1. Santosh Paul Abraham, a citizen of United States, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego,
2. George Cherian, a citizen of United States, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego,
3. Rolf De Vegt, a citizen of Netherlands, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Francisco,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to SYSTEM AND METHOD FOR POST-DISCOVERY COMMUNICATION WITHIN A NEIGHBORHOOD-AWARE NETWORK (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; 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 or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, 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 is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/024,214 filed September 11, 2013, Qualcomm Reference No. 124452, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/716,372, filed October 19, 2012, Qualcomm Reference No. 124452P2, together with U.S. Provisional Application No(s). 61/701,924, filed September 17, 2012, Qualcomm Reference No. 124452P1, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), 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 WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto 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 INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS 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, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;


AND WE 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 INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE 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 WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, 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 INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at SAN DIEGO, on 10/16/2013
LOCATION DATE


Santosh Paul Abraham

Done at _____, on _____
LOCATION DATE

George Cherian

Done at _____, on _____
LOCATION DATE

Rolf De Vegt

16225182 emm 091613

ASSIGNMENT

WHEREAS, WE,

1. Santosh Paul Abraham, a citizen of United States, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego.
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3. Rolf De Vegt, a citizen of Netherlands, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Francisco.

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to SYSTEM AND METHOD FOR POST-DISCOVERY COMMUNICATION WITHIN A NEIGHBORHOOD-AWARE NETWORK (collectively the "**INVENTIONS**") for which WE have executed and/or may execute one or more patent applications therefor; 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 or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, 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 is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 14/024,214 filed September 11, 2013, Qualcomm Reference No. 124452, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/716,372, filed October 19, 2012, Qualcomm Reference No. 124452P2, together with U.S. Provisional Application No(s). 61/701,924, filed September 17, 2012, Qualcomm Reference No. 124452P1, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), 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 WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto 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 INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS 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, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;


AND WE 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 INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE 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 WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, 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 INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at _____, on _____
LOCATION DATE Santosh Paul Abraham

Done at San Diego, on Oct. 01, 2013
LOCATION DATE 
George Cherian

Done at _____, on _____
LOCATION DATE Rolf De Vegt

16225182 emm 091613

ASSIGNMENT

WHEREAS, WE,

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