

## 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>YONG JIN KIM</td> <td>10/28/2009</td> </tr> <tr> <td>LAKSHMINATH R DONDETI</td> <td>10/27/2009</td> </tr> <tr> <td>STEPHEN J. SHELLHAMMER</td> <td>10/29/2009</td> </tr> <tr> <td>WENYI ZHANG</td> <td>10/21/2009</td> </tr> </tbody> </table>		Name	Execution Date	YONG JIN KIM	10/28/2009	LAKSHMINATH R DONDETI	10/27/2009	STEPHEN J. SHELLHAMMER	10/29/2009	WENYI ZHANG	10/21/2009		
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<table border="1"> <tr> <td>Name:</td> <td>QUALCOMM Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Department/Central Administration</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121</td> </tr> </table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	Internal Address:	Patent Department/Central Administration	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(858)658-2502												
Phone:	858-845-4265												
Email:	us-docketing@qualcomm.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	QUALCOMM INCORPORATED												
Address Line 1:	5775 MOREHOUSE DR.												
Address Line 4:	SAN DIEGO, CALIFORNIA 92121												
ATTORNEY DOCKET NUMBER:	090045D1												
NAME OF SUBMITTER:	CINDY MCCLURE												

Signature:	/ Cindy McClure /
Date:	03/03/2014
<b>Total Attachments: 8</b> source=090045D1_3March2014_Assignment-12553955-as_filed#page1.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page2.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page3.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page4.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page5.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page6.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page7.tif source=090045D1_3March2014_Assignment-12553955-as_filed#page8.tif	

## 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/I,

1. Yong Jin Kim, a citizen of the Republic of Korea, having a mailing address of 5775 Morehouse Drive San Diego, CA 92121-1714; and a resident of San Diego, CA, USA.
2. Lakshminath R. Dondeti, a citizen of India, having a mailing address of 5<sup>th</sup> Floor, Building 8; p Mindspace, Madhapur, Hi Tec City, Hyderabad, Andhra Pradesh, India 500081; and a resident of Hyderabad, INDIA.
3. Stephen J. Shellhammer, a citizen of the United States, having a mailing address of 5775 Morehouse Drive San Diego, CA 92121-1714; and a resident of Ramona, CA, USA.
4. Wenyi Zhang, a citizen of China, having a mailing address of 5775 Morehouse Drive San Diego, CA 92121-1714; and a resident of San Diego, CA, USA.

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 **SPACIO-TEMPORAL RANDOM VOTING SCHEME FOR COGNITIVE NETWORKS** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **September 03, 2009**, and assigned Serial No. **12/553,955**, including Provisional Application Number **61/108,550**, filed on **October 26, 2008**, and Provisional Application Number **61/109,091**, filed on **October 28, 2008**, and all original and reissue patents granted thereof, and all divisions, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign

## ASSIGNMENT

rights to said invention, and covenant that I have full right to do so, and agree that I 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 \_\_\_\_\_ this 24<sup>th</sup> day of October, 2009.

  
\_\_\_\_\_  
**Yong Jin Kim**

Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Lakshminath R. Dondeti**

Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Stephen J. Shellhammer**

Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Wenyi Zhang**

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Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Yong Jin Kim

Done at Hyderabad, India this 27<sup>th</sup> day of October, 2009.

\_\_\_\_\_  
Lakshminath R. Dondeti

Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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Stephen J. Shellhammer

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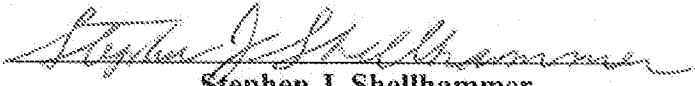
Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Yong Jin Kim**

Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Lakshminath R. Dondeti**

Done at SAN DIEGO this 29 day of OCTOBER 2009.

  
**Stephen J. Shellhammer**

Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Wenyi Zhang**



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Done at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Stephen J. Shellhammer**

Done at San Diego this 21<sup>st</sup> day of October, 2009.

Wenyi Zhang  
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**Wenyi Zhang**