

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Vinay Sridhara</td> <td>08/01/2012</td> </tr> <tr> <td>Hui Chao</td> <td>08/01/2012</td> </tr> <tr> <td>Saumitra Mohan Das</td> <td>08/01/2012</td> </tr> <tr> <td>Rajarshi Gupta</td> <td>08/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vinay Sridhara	08/01/2012	Hui Chao	08/01/2012	Saumitra Mohan Das	08/01/2012	Rajarshi Gupta	08/01/2012
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Saumitra Mohan Das	08/01/2012										
Rajarshi Gupta	08/01/2012										
RECEIVING PARTY DATA											
Name:	QUALCOMM Incorporated										
Street Address:	5775 Morehouse Drive										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121-1714										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13530051</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13530051						
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Application Number:	13530051										
CORRESPONDENCE DATA											
Fax Number:	5034396558										
Phone:	503 439 6500										
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Correspondent Name:	Berkeley Law & Technology Group, LLP										
Address Line 1:	17933 NW Evergreen Parkway										
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Address Line 4:	Beaverton, OREGON 97006										
ATTORNEY DOCKET NUMBER:	112593 (051.P381)										
NAME OF SUBMITTER:	Kristi Schroeder										
Total Attachments: 2 source=ASSIGN051P381#page1.tif source=ASSIGN051P381#page2.tif											

CH \$40.00 13530051

ASSIGNMENT

WHEREAS, WE,

1. **Vinay SRIDHARA**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121, U.S.A and a resident of Santa Clara, CA,
2. **Hui CHAO**, a citizen of the United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121, U.S.A and a resident of San Jose, CA,
3. **Saumitra Mohan DAS**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121, U.S.A and a resident of Santa Clara, CA,
4. **Rajarshi GUPTA**, a citizen of the United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121, U.S.A and a resident of Sunnyvale, CA,

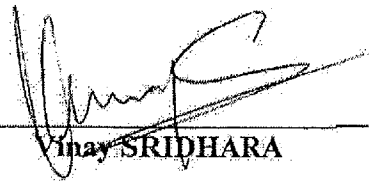
have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **INDOOR STRUCTURE INFERENCE USING POINTS OF INTEREST** (collectively the "INVENTIONS") for which WE have executed and/or 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). **13/530,051** filed **June 21, 2012**, Qualcomm Reference No. **112593**, and all provisional applications relating thereto, 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 HEREBY represent that WE have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that WE have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Santa Clara, on 8/1/2012
LOCATION DATE



Vinay SRIDHARA

Done at Santa Clara, on 8/1/2012
LOCATION DATE



Hui CHAO

Done at Santa Clara, on 8/1/2012
LOCATION DATE



Saumitra Mohan DAS

Done at Santa Clara, on Aug 1, 2012
LOCATION DATE



Rajarshi GUPTA