

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	GAVIN BERNARD HORN	12/20/2007
	ASHWIN SAMPATH	01/02/2008
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	QUALCOMM INCORPORATED	
<b>Street Address:</b>	5775 MOREHOUSE DRIVE	
<b>City:</b>	SAN DIEGO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92121-1714	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15789878
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(303)473-2720	
<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>		
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<b>Address Line 1:</b>	P.O. BOX 11583	
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<b>ATTORNEY DOCKET NUMBER:</b>	PT459.WO.US* (88492.1446)	
<b>NAME OF SUBMITTER:</b>	MICHAEL L. DRAPKIN	
<b>SIGNATURE:</b>	/Michael L. Drapkin/	
<b>DATE SIGNED:</b>	11/30/2017	
<b>Total Attachments: 3</b>		
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## 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,

1. Gavin Bernard Horn, a citizen of Canada, having a place of residence at 8952 Caminito Fresco, La Jolla, California 92037;

2. Ashwin Sampath, a citizen of the United States America, having a place of ~~10924~~ <sup>21</sup> ~~Avenida De Los Lobos, San Diego, California 92127~~, RIDER TERRACE, PRINCETON, NJ 08540

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 METHOD AND APPARATUS FOR TIMESLOT SWAPPING by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on February 12, 2008, and assigned Serial No. 121063657, including PCT International Application Number PCT/US2007/085362, filed on November 21, 2007, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we 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.

## ASSIGNMENT

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 San Diego, California this 20<sup>th</sup> day of Dec, 2007.

  
\_\_\_\_\_  
Gavin Bernard Horn

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

\_\_\_\_\_  
Ashwin Sampath

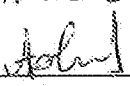
## ASSIGNMENT

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 San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

Done at San Diego, California this 2<sup>nd</sup> day of JANUARY, 2007 2008

\_\_\_\_\_  
Gavin Bernard Horn

  
Ashwin Sampath