PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACKSON CHUNG PENG KONG	12/18/2017
BOK ENG CHEAH	12/18/2017
KHANG CHOONG YONG	01/02/2018
YUN LING	03/13/2018
CHIN VOON TAN	12/18/2017

RECEIVING PARTY DATA

Name:	INTEL CORPORATION	
Street Address:	2200 MISSION COLLEGE BLVD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15841880	

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 503-968-8233

Email: mmhitchcock@ghmip.com

Correspondent Name: GREEN, HOWARD AND MUGHAL LLP

Address Line 1: 5 CENTERPOINTE DRIVE

Address Line 2: SUITE 400

Address Line 4: LAKE OSWEGO, OREGON 97035

Total Attachments: 4		
DATE SIGNED: 03/13/2018		
SIGNATURE:	/Michelle Murray-Hitchcock/	
NAME OF SUBMITTER:	MICHELLE MURRAY-HITCHCOCK	
ATTORNEY DOCKET NUMBER:	01.D148200-US	

Total Attachments: 4

PATENT REEL: 045192 FRAME: 0276 source=D148200-US Assignment Fully EX#page1.tif
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PATENT REEL: 045192 FRAME: 0277

Attorney Docket No.: 01.D148200-US

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Jackson Chung Peng Kong, Bok Eng Cheah, Khang Choong Yong, Yun Ling, Chia Voon Tan

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

DEVICE, SYSTEM AND METHOD TO PROMOTE THE INTEGRITY OF SIGNAL COMMUNICATIONS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	December 14, 2017	38	
United States	Application Number_	15/841,880 an	d.

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignce may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

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assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Joseph Conf	December 18,2017
Jackson Chung Peng Kong	Date signed
Bok Eng Chack .	DECEMBER 18, 2017
Bok Eng Cheah	Date signed
Khang Choong Yong	Date signed
Yun Ling	Date signed
	December 18, 2017
Chia Voon Tan	Date signed

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Jackson Chung Peng Kong	Date signed
Bok Eng Cheah	Date signed
	2/201/2018
Khang Choong Yong	Date signed
Yun Ling	Date signed
Chia Voon Tan	 Date signed

Attorney Docket No.: 01.D148200-US

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Jackson Chung Peng Kong			Date signed
Bok Eng Cheah			Date signed
		4 Feb.	
Khang Choong Yong			Date signed
4-2-		* * * *	3/13/2018
Yon Ling	-		Date signed
	A A		
Chia Voon Tan	***************************************		Date signed

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