PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5009531

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BROADCOM CORPORATION	01/20/2017

RECEIVING PARTY DATA

Name:	AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.
Street Address:	1 YISHUN AVENUE 7
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	768923

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16008237

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NAME OF SUBMITTER:	KAREN TAYLOR
SIGNATURE:	/Karen Taylor/
DATE SIGNED:	06/15/2018

Total Attachments: 2
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Patent Assignment") is made and entered into effective as of November 28, 2016 (the "Effective Date"), by and between **Broadcom Corporation**, a company organized and existing under the laws of the State of California, with its principal place of business located at 5300 California Avenue, Irvine, California, 92617, U.S.A., ("Assignor") and **Avago Technologies General IP (Singapore) Pte. Ltd.**, a Singapore company with UEN 2005-12430-D, having a principal place of business at 1 Yishun Avenue 7, Singapore 768923 ("Assignee").

WHEREAS, Assignor and Assignee are parties to a certain Intellectual Property Purchase Agreement dated November 28, 2016 whereupon Assignor has agreed to assign the Patents (as defined below) to Assignee.

NOW, THEREFORE, in consideration of the sum of One U.S. Dollar (US$1.00) or equivalent and other good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor hereby assigns, transfers, sells and conveys to Assignee all of its rights, title and interest in and to any patent and/or patent application in which Assignor has any right, title or interest in any country, including each of the patents and patent applications that are specifically listed in Exhibit A attached hereto and made a part hereof, and any continuations, divisionals, continuations-in-part, provisionals and/or other applications that claim priority from any of such patents and patent applications and any patents issuing on any of the foregoing, and any reissues, reexaminations, substitutions, renewals, extensions and derivatives of any of the foregoing (collectively "the Patents"), and all rights, claims and privileges pertaining to the Patents, including, without limitation, rights to the underlying inventions, the right to prosecute and maintain the Patents, and the right to sue and recover damages for past, present and future infringement of any of the Patents and obtain injunctive relief.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be signed and executed by the undersigned officers thereunto duly authorized as of the Effective Date.

BROADCOM CORPORATION

By: _____

Name: Jeyhan Karaoguz

Title: Vice President & General Manager, IPL

Date: 1-20-2017

AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.

By: _____

Name: Jeyhan Karaoguz

Title: Vice President & General Manager, IPL

Date: 1-20-2017

Patent No.	Grant Date	App No.	Filed Date	Country	App Title
9,258,173	2016-02-09	14/627,193	2015-02-20	United States of America	VEHICLE COMMUNICATION NETWORK INCLUDING WIRELESS COMMUNICATIONS
9,088,454	2015-07-21	13/171,622	2011-06-29	United States of America	VEHICLE NETWORK NODE MODULE
9479453	2016-10-25	14/803,942	2015-07-20	United States of America	VEHICLE NETWORK NODE MODULE
		14/983,266	2015-12-29	United States of America	VEHICLE NETWORK NODE MODULE
8,467,324	2013-06-18	13/171,596	2011-06-29	United States of America	Managing Devices Within A Vehicular Communication Network
		13/896,177	2013-05-16	United States of America	Managing Devices Within A Vehicular Communication Network
8,929,198	2015-01-06	13/171,624	2011-06-29	United States of America	VEHICLE NETWORK LINK MODULE
8,582,579	2013-11-12	13/171,628	2011-06-29	United States of America	PRIORITY PACKET PROCESSING
9,225,581	2015-12-29	14/039,382	2013-09-27	United States of America	PRIORITY PACKET PROCESSING
9,143,384	2015-09-22	13/171,630	2011-06-29	United States of America	VEHICULAR NETWORK WITH CONCURRENT PACKET TRANSMISSION
		13/171,616	2011-06-29	United States of America	Multimedia Processing Within A Vehicular Communication Network
8,804,734	2014-08-12	13/171,633	2011-06-29	United States of America	UNIFIED VEHICLE NETWORK FRAME PROTOCOL
		11/146,528	2005-06-07	United States of America	SCAN INTERFACE (fka LOW POWER SCAN TESTABILITY)
6,950,973	2005-09-27	10/127,513	2002-04-22	United States of America	DYNAMIC SCAN CIRCUITRY FOR A-PHASE (fka LOW POWER DYNAMIC A-PHASE LOGIC TESTABILITY)
		13/171,629	2011-06-29	United States of America	Multi-Level Video Processing Within A Vehicular Communication Network
		14/832,837	2015-08-21	United States of America	Multi-Level Video Processing Within A Vehicular Communication Network
8,718,054	2014-05-06	13/171,636	2011-06-29	United States of America	BRIDGE ROUTING MODULE
9,414,070	2016-08-09	14/228,598	2014-03-28	United States of America	BRIDGE ROUTING MODULE
9,031,073	2015-05-12	13/171,637	2011-06-29	United States of America	DATA BRIDGE
		14/708,967	2015-05-11	United States of America	DATA BRIDGE
8,731,773	2014-05-20	13/171,635	2011-06-29	United States of America	Power Management Within A Vehicular Communication Network
8,493,981	2013-07-23	13/171,638	2011-06-29	United States of America	SWITCH MODULE
9,276,801	2016-03-01	13/925,537	2013-06-24	United States of America	SWITCH MODULE
8,750,319	2014-06-10	13/171,643	2011-06-29	United States of America	DATA BRIDGE
		13/171,639	2011-06-29	United States of America	Vehicle Black Box
6686775	2004-02-03	10/127,259	2002-04-22	United States of America	DYNAMIC SCAN CIRCUITRY FOR B-PHASE; fka, LOW POWER DYNAMIC B-PHASE LOGIC TESTABILITY
9,077,586	2015-07-07	13/171,646	2011-06-29	United States of America	UNIFIED VEHICLE NETWORK FRAME PROTOCOL
		14/735,265	2015-06-10	United States of America	UNIFIED VEHICLE NETWORK FRAME PROTOCOL
8,806,242	2014-08-12	13/171,689	2011-06-29	United States of America	System and Method for Controlling Supplying Power Over Ethernet Within A Vehicular Communication Network in a Condition of a Current Being Overdrawn
		13/338,148	2011-12-27	United States of America	Providing Power Over Ethernet Within A Vehicular Communication Network
		13/338,176	2011-12-27	United States of America	Providing Power Over Ethernet Within A Vehicular Communication Network
8,965,757	2015-02-24	13/295,818	2011-11-14	United States of America	System and Method for Multi-Channel Noise Suppression Based on Closed-Form Solutions and Estimation of Time-Varying Complex Statistics