

PATENT ASSIGNMENT COVER SHEET

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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:	15940762
CORRESPONDENCE DATA	
Fax Number:	(888)456-7824
<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>	
Phone:	(423)871-1280
Email:	ktaylor@texaspatents.com
Correspondent Name:	GARLICK & MARKISON
Address Line 1:	106 E. 6TH STREET, SUITE 900
Address Line 4:	AUSTIN, TEXAS 78701
ATTORNEY DOCKET NUMBER:	BP32634.2C1
NAME OF SUBMITTER:	KAREN TAYLOR
SIGNATURE:	/Karen Taylor/
DATE SIGNED:	04/04/2018
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
		14/143,753	2013-12-30	United States of America	SELECTIVE POWER DISTRIBUTION DURING WIRELESS CHARGING
9,344,167	2016-05-17	14/298,358	2014-06-06	United States of America	Codebook Subsampling for Multi-Antenna Transmit Precoder Codebook
9,008,601	2015-04-14	13/969,381	2013-08-16	United States of America	A Single Differential-Inductor VCO With Implicit Common-Mode Resonance
		14/822,809	2015-08-10	United States of America	A CMOS VCO WITH IMPLICIT COMMON-MODE RESONANCE
8,325,610	2012-12-04	11/865,962	2007-10-02	United States of America	SYSTEM AND METHOD FOR MEDIUM ACCESS CONTROL IN A POWER-SAVE NETWORK
7,065,693	2006-06-20	10/778,753	2004-02-13	United States of America	IMPROVED IMPLEMENTATION OF TEST PATTERNS IN AUTOMATED TEST EQUIPMENT (fka TECHNIQUE TO PUT SIGNIFICANTLY MORE TEST PATTERNS TO A GIVEN ATE)
8,975,746	2015-03-10	14/031,001	2013-09-18	United States of America	BALL ARRANGEMENT FOR INTEGRATED CIRCUIT PACKAGE DEVICES
9,431,361	2016-08-30	14/611,601	2015-02-02	United States of America	BALL ARRANGEMENT FOR INTEGRATED CIRCUIT PACKAGE DEVICES
9,391,867	2016-07-12	13/975,108	2013-08-23	United States of America	Method and Implementation for Network Instrumentation and Traffic Disposition with Timestamps
9,210,570	2015-12-08	14/022,034	2013-09-09	United States of America	SYSTEMS AND METHODS FOR IMPLEMENTING BLUETOOTH LOW ENERGY COMMUNICATIONS
9,432,143	2016-08-30	14/296,626	2014-06-05	United States of America	Combining CRC and FEC on a variable number of NCPs
8,285,881	2012-10-09	10/938,156	2004-09-10	United States of America	LOAD BALANCING AND FAIL OVER
		14/736,479	2015-06-11	United States of America	Orthogonal frequency division multiple access (OFDMA) structures for high efficiency wireless communications
		14/058,165	2013-10-18	United States of America	UNAMBIGUOUS CODE TRACKING SYSTEM FOR GLOBAL NAVIGATION SATELLITE SYSTEMS
		14/062,389	2013-10-24	United States of America	Collaborative Coexistence of Near-Field Wireless Systems in a Communication Device
9,069,225	2015-06-30	14/041,240	2013-09-30	United States of America	Methods And Systems For Enhanced Viewing Of A Display Device
9,459,474	2016-10-04	14/732,014	2015-06-05	United States of America	Methods And Systems For Enhanced Viewing Of A Display Device
7,394,869	2008-07-01	10/816,731	2004-04-02	United States of America	RF TRANSMITTER ARCHITECTURE FOR CONTINUOUS SWITCHING BETWEEN MODULATION MODE(fka AN RF TRANSMITTER ARCHITECTURE FOR CONTINUOUS MODULATION SWITCHING BETWEEN PSK AND FSK MODES)
9,356,868	2016-05-31	14/054,766	2013-10-15	United States of America	Congestion Detection and Management at Congestion-Tree Roots
9,379,848	2016-06-28	14/290,102	2014-05-29	United States of America	Cyclic redundancy check (CRC) and forward error correction (FEC) for ranging within communication systems
9,077,328	2015-07-07	14/246,836	2014-04-07	United States of America	Method and Apparatus for Reference-Less Repeater with Digital Control
9,258,671	2016-02-09	14/310,938	2014-06-20	United States of America	A Host Controller Interface and Messaging Method for ANT Applications
7,580,412	2009-08-25	10/946,304	2004-09-22	United States of America	SYSTEM AND METHOD FOR GENERATING HEADER ERROR CONTROL BYTE FOR ASYNCHRONOUS TRANSFER MODE CELL
9,094,247	2015-07-28	14/095,348	2013-12-03	United States of America	Continuous Adaptation of a Channel Equalizer
9,407,402	2016-08-02	14/303,701	2014-06-13	United States of America	OFDMA communications for multiple capability wireless communication devices
		14/302,612	2014-06-12	United States of America	FLEXIBLE OFDMA PACKET STRUCTURE FOR WIRELESS COMMUNICATIONS
7,756,273	2010-07-13	10/946,305	2004-09-22	United States of America	SYSTEM AND METHOD FOR BIT-REVERSING AND SCRAMBLING PAYLOAD BYTES IN AN ASYNCHRONOUS TRANSFER MODE CELL
9,060,056	2015-06-16	14/041,428	2013-09-30	United States of America	Notification and Troubleshooting of Interruptions, Failures, and Updates
9,438,724	2016-09-06	14/713,326	2015-05-15	United States of America	NOTIFICATION AND TROUBLESHOOTING OF INTERRUPTIONS, FAILURES, AND UPDATES

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