

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6054667

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RUCKUS WIRELESS, INC.	03/11/2020
RECEIVING PARTY DATA		
Name:	ARRIS ENTERPRISES LLC	
Street Address:	3871 LAKEFIELD DR.	
City:	SUWANEE	
State/Country:	GEORGIA	
Postal Code:	30024	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15750505
CORRESPONDENCE DATA		
Fax Number:		
<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:	6507044434	
Email:	steve.stupp@gmail.com	
Correspondent Name:	STUPP ASSOCIATES, LLC	
Address Line 1:	200 STAYSAIL CT.	
Address Line 4:	FOSTER CITY, CALIFORNIA 94404	
ATTORNEY DOCKET NUMBER:	RUC0085-US	
NAME OF SUBMITTER:	STEVEN STUPP	
SIGNATURE:	/Steven Stupp/	
DATE SIGNED:	04/09/2020	
Total Attachments: 3		
source=2020-03-11 RWI to AELLC executed MKO#page1.tif		
source=2020-03-11 RWI to AELLC executed MKO#page2.tif		
source=2020-03-11 RWI to AELLC executed MKO#page3.tif		

ASSIGNMENT

WHEREAS, **Ruckus Wireless, Inc.**, a corporation formed under the laws of Delaware (hereinafter referred to as "ASSIGNOR"), owns by previous assignment all right, title, and interest in and to certain inventions disclosed in the patent applications and patents identified on Schedule A attached hereto and incorporated herein by reference; and

WHEREAS, **ARRIS Enterprises LLC**, a limited liability company formed under the laws of Delaware (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest in, to and under said inventions and the Letters Patent in the United States and foreign countries to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said inventions and all patent applications and Letters Patent of the United States to be obtained therefor on said applications or any continuation, division, renewal, substitute or reissue thereof, and in and to all Letters Patent and patent applications, and all Convention and Treaty rights of all kinds, in all countries throughout the world for said inventions for the full term or terms for which the same may be granted.

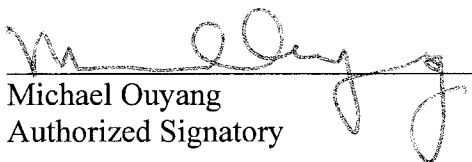
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said inventions and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said applications, said inventions and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be duly executed on this 11th day of **March, 2020**.

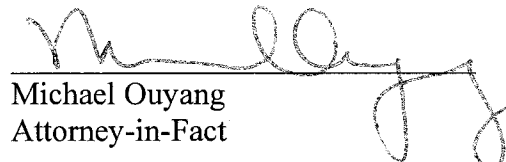
Ruckus Wireless, Inc.

By:


Michael Ouyang
Authorized Signatory

ARRIS Enterprises LLC

By:


Michael Ouyang
Attorney-in-Fact

Schedule A

<i>Patent or Application Serial No.</i>	<i>Docket No.</i>	<i>Filed</i>	<i>Title</i>
US 11/190,288	RUC0004-4	07-26-2005	Wireless system having multiple antennas and multiple radios
US 16/561,993	RUC0004-8-CON1	09-05-2019	Distribution of Clients Across a Network
US 60/602,711	RUC0004-P1	08-18-2004	Planar antenna apparatus for isotropic coverage and QoS optimization in wireless networks
US 60/693,698	RUC0012-P	06-23-2005	Control of wireless network transmission parameters
US 11/413,461 US 7,358,912 B2	RUC0016	04-28-2006	Coverage Antenna Apparatus with Selectable Horizontal and Vertical Polarization Elements
US 60/694,101	RUC0016-P	06-24-2005	Antenna Apparatus with Selectable Elements
US 60/702,730	RUC0017-P	07-26-2005	Mechanism for wireless LAN coverage enhancement using dynamic antennas
US 16/723,694	RUC0067-CON1	12-20-2019	Technique for Establishing a Mesh Network
PCT/US2014/058272	RUC0067-PCT	09-30-2014	Technique for Establishing a Mesh Network
US 15/469,496 US 10,542,408 B2	RUC0067-US	03-25-2017	Technique for Establishing a Mesh Network
US 14/892,825 US 9,877,295 B2	RUC0069	11-20-2015	A Method and Apparatus for Recording Information from a Plurality of Mobile Devices in an Area
PCT/US2016/045873	RUC0082-PCT	08-05-2016	Discovery and Security in LWA Communication
CN 201680058410.9	RUC0082-CN	04-04-2018	Discovery and Security in LWA Communication
PCT/US2015/068184	RUC0084-PCT	12-30-2015	Determining a Sounding Interval Based on Throughput
US 15/758,726 US 10,193,607 B2	RUC0084-US	03-09-2018	Determining a Sounding Interval Based on Throughput
US 62/201,843	RUC0085-P	08-06-2015	Establishing LWA-WLAN Communication
PCT/US2015/060937	RUC0085-PCT	11-16-2015	Establishing LWA-WLAN Communication
US 15/750,505	RUC0085-US	02-06-2018	Establishing LWA-WLAN Communication

<i>Patent or Application Serial No.</i>	<i>Docket No.</i>	<i>Filed</i>	<i>Title</i>
PCT/US2016/049273	RUC0086-PCT	08-29-2016	Transmitting Traffic in a Shared Frequency Bandwidth
US 16/329,617	RUC0086-US	02-28-2019	Transmitting Traffic in a Shared Frequency Bandwidth
PCT/US2018/040660	RUC0126-PCT	07-02-2018	Antenna-Parameter Control in a Distributed System
PCT/US2020/020705	RUC0128-PCT	03-02-2020	Rapid Determination of an Antenna Pattern