

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7332509

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	PARTIAL RELEASE OF ABL SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
JPMORGAN CHASE BANK, N.A.	05/13/2022

**RECEIVING PARTY DATA**

<b>Name:</b>	COMMSCOPE TECHNOLOGIES LLC
<b>Street Address:</b>	1100 COMMSCOPE PLACE SE
<b>City:</b>	HICKORY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28602
<b>Name:</b>	ARRIS ENTERPRISES LLC
<b>Street Address:</b>	1100 COMMSCOPE PLACE SE
<b>City:</b>	HICKORY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28602

**PROPERTY NUMBERS Total: 45**

Property Type	Number
Patent Number:	8976067
Patent Number:	8644223
Patent Number:	10069733
Patent Number:	7190672
Patent Number:	6873839
Patent Number:	6904275
Patent Number:	7151769
Patent Number:	7072650
Patent Number:	7145903
Patent Number:	6961575
Patent Number:	7756041
Patent Number:	6970703
Patent Number:	7522537
Patent Number:	7412241
Patent Number:	7280483

PATENT

Property Type	Number
Patent Number:	7734809
Patent Number:	7558818
Patent Number:	7061925
Patent Number:	7215966
Patent Number:	7408911
Patent Number:	7920586
Patent Number:	8180351
Patent Number:	7706390
Patent Number:	7710986
Patent Number:	7676805
Patent Number:	7382740
Patent Number:	7269155
Patent Number:	7796633
Patent Number:	7801143
Patent Number:	7315548
Patent Number:	7969928
Patent Number:	7801079
Patent Number:	8676245
Patent Number:	8270429
Patent Number:	8248949
Patent Number:	8068454
Patent Number:	7701887
Patent Number:	9166799
Patent Number:	8374174
Patent Number:	8279800
Patent Number:	8274929
Patent Number:	9451452
Patent Number:	8031647
Application Number:	14872846
Patent Number:	8548526

**CORRESPONDENCE DATA**

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**NAME OF SUBMITTER:** ELAINE CARRERA

**SIGNATURE:** /Elaine Carrera/

**DATE SIGNED:** 05/16/2022

**Total Attachments: 8**

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**PARTIAL TERMINATION AND RELEASE  
OF SECURITY INTEREST IN PATENTS**

May 13, 2022

This PARTIAL TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS (the “Release”) is executed as of the date hereof, by JPMorgan Chase Bank, N.A., as Collateral Agent (together with its permitted successors in such capacity, the “Collateral Agent”) for the Secured Parties (as defined in the Credit Agreement referred to below) in favor of COMMScope TECHNOLOGIES LLC, a Delaware limited liability company (“CommScope”) and ARRIS ENTERPRISES LLC, a Delaware limited liability company (“ARRIS” and together with CommScope, the “Grantors”, and, each a “Grantor”). Unless otherwise indicated, capitalized terms used herein and not otherwise defined herein shall have the respective meanings provided therefor in the Revolving Credit Agreement as referred to below.

WHEREAS, reference is made to that certain Revolving Credit Agreement, dated as of April 4, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Revolving Credit Agreement”), by and among CommScope Holding Company, Inc. (“Holdings”), CommScope, Inc. (the “Borrower”), the subsidiaries of the Borrower identified therein as Co-Borrowers, JPMorgan Chase Bank, N.A., as the Administrative Agent and Collateral Agent and the Lenders party thereto from time to time;

WHEREAS, reference is made to that certain Revolving Credit Facility Security Agreement, dated as of April 4, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”), by and among Holdings, the Borrower, the other grantors party thereto from time to time and the Collateral Agent;

WHEREAS, each Grantor and the Collateral Agent executed a certain Patent Security Agreement, dated as of April 4, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Patent Security Agreement”) pursuant to which such Grantor (among others) granted to the Collateral Agent a continuing security interest in all of such Grantor’s right, title and interest in, to and under the Collateral (as defined therein) (the “Security Interest”), including the Patents listed on Exhibit A hereto (the “Patents”);

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office (“USPTO”) on July 3, 2019 at Reel 049892 and Frame 0396; and

WHEREAS, the Collateral Agent has agreed to terminate and release its Security Interest solely with respect to the Patents listed on Exhibit A hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which the parties acknowledge, the Collateral Agent hereby releases, terminates and discharges the Security Interest granted under the Patent Security Agreement solely with respect to the Patents, and any right, title or interest of the Collateral Agent arising under the Patent Security Agreement in and to the Patents shall hereby terminate, cease and become void. This Release does not release, relinquish, discharge or terminate the Collateral Agent’s security interest in any Intellectual Property or any other asset of each Grantor other than the Patents. The Collateral Agent hereby consents to the recording of this Release with the USPTO and agrees to duly execute and deliver any further documents and do such other acts as may be reasonably necessary, at each Grantor’s sole cost and expense, to effect the release of the Security Interest solely with respect to the Patents as contemplated hereby.


This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

[SIGNATURE PAGE FOLLOWS]

**PATENT**  
**REEL: 060073 FRAME: 0486**

IN WITNESS WHEREOF, the undersigned has caused this Release to be duly executed as of the date first written above.

**JPMORGAN CHASE BANK, N.A.**, as Collateral Agent

By:   
Name: Inderjeet Aneja  
Title: Executive Director

IN WITNESS WHEREOF, the undersigned has caused this Release to be duly executed as of the date first written above.

**JPMORGAN CHASE BANK, N.A.**, as Collateral Agent

By: \_\_\_\_\_  
Name:  
Title:

**COMMSCOPE TECHNOLOGIES LLC**, as Grantor  
**ARRIS ENTERPRISES LLC**, as Grantor

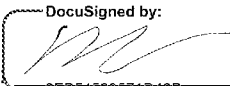
DocuSigned by:  
  
By: \_\_\_\_\_  
Name: Kyle Lorentzen  
Title: Executive Vice President and Chief Financial Officer

EXHIBIT A

**See attached.**

**Partial Release of ABL Patent Security Agreement recorded July 3, 2019 at Reel/Frame 049892/0396 and  
Partial Release of Term Loan Patent Security Agreement recorded July 3, 2019 at Reel/Frame 049905/0504**

Title	App. No.	App. Date	Patent No.	Issue Date	Grantor
Antenna module having integrated radio frequency circuitry	13492339	6/8/2012	8976067	3/10/2015	COMMSCOPE TECHNOLOGIES LLC
Enterprise mobile network for providing cellular wireless service using licensed radio frequency spectrum and the session initiation protocol	13588172	8/17/2012	8644223	2/4/2014	COMMSCOPE TECHNOLOGIES LLC
Managing Ethernet backpressure at a network device	15247369	8/25/2016	10069733	9/4/2018	ARRIS ENTERPRISES LLC
System and method for using destination-directed spreading codes in a multi-channel metropolitan area wireless communications network	10021062	12/19/2001	7190672	3/13/2007	ARRIS ENTERPRISES LLC
Prioritized-routing for an ad-hoc, peer-to-peer, mobile radio access system	09815164	3/22/2001	6873839	3/29/2005	ARRIS ENTERPRISES LLC
Prioritized-routing for an ad-hoc, peer-to-peer, mobile radio access system	09859305	5/18/2001	6904275	6/7/2005	ARRIS ENTERPRISES LLC
Prioritized-routing for an ad-hoc, peer-to-peer, mobile radio access system based on battery-power levels and type of service	09882820	6/15/2001	7151769	12/19/2006	ARRIS ENTERPRISES LLC
Ad hoc peer-to-peer mobile radio access system interfaced to the PSTN and cellular networks	09897790	6/29/2001	7072650	7/4/2006	ARRIS ENTERPRISES LLC
Multi-master bus architecture for system-on-chip designs	09948159	9/6/2001	7145903	12/5/2006	ARRIS ENTERPRISES LLC
Ad Hoc peer-to-peer mobile radio access system interfaced to the PSTN and cellular networks	09952928	9/17/2001	6961575	11/1/2005	ARRIS ENTERPRISES LLC
Embedded routing algorithms under the internet protocol routing layer of a software architecture protocol stack in a mobile Ad-Hoc network	10157979	5/31/2002	7756041	7/13/2010	ARRIS ENTERPRISES LLC
Integrated personal communications system and method	10055518	1/23/2002	6970703	11/29/2005	ARRIS ENTERPRISES LLC
System and method for providing connectivity between an intelligent access point and nodes in a wireless network	10755346	1/13/2004	7522537	4/21/2009	ARRIS ENTERPRISES LLC
Method to provide a measure of link reliability to a routing protocol in an ad hoc wireless network	10863069	6/7/2004	7412241	8/12/2008	ARRIS ENTERPRISES LLC
System and method to improve the network performance of a wireless communications network by finding an optimal route between a source and a destination	10863183	6/7/2004	7280483	10/9/2007	ARRIS ENTERPRISES LLC
System and method to maximize channel utilization in a multi-channel wireless communication network	10863453	6/7/2004	7734809	6/8/2010	ARRIS ENTERPRISES LLC
System and method for characterizing the quality of a link in a wireless network	10863534	6/7/2004	7558818	7/7/2009	ARRIS ENTERPRISES LLC
System and method for decreasing latency in locating routes between nodes in a wireless communication network	10863710	6/7/2004	7061925	6/13/2006	ARRIS ENTERPRISES LLC
System and method for determining location of a device in a wireless communication network	10863871	6/7/2004	7215966	5/8/2007	ARRIS ENTERPRISES LLC
System and method to decrease the route convergence time and find optimal routes in a wireless communication network	10982837	11/8/2004	7408911	8/5/2008	ARRIS ENTERPRISES LLC
System and method for selecting a medium access technique for transmitting packets over a network	11238572	9/29/2005	7920586	4/5/2011	ARRIS ENTERPRISES LLC
Ad-hoc peer-to-peer mobile radio access system interfaced to the PSTN and cellular networks	11263612	10/31/2005	8180351	5/15/2012	ARRIS ENTERPRISES LLC
System and method for routing packets in a wireless multihopping communication network	11268134	11/7/2005	7706390	4/27/2010	ARRIS ENTERPRISES LLC
Multicast architecture for wireless mesh networks	11029794	1/5/2005	7710986	5/4/2010	ARRIS ENTERPRISES LLC
Wireless sensor node executable code request facilitation method and apparatus	11278680	4/5/2006	7676805	3/9/2010	ARRIS ENTERPRISES LLC
System and method to perform smooth handoff of mobile terminals between fixed terminals in a network	11328623	1/10/2006	7382740	6/3/2008	ARRIS ENTERPRISES LLC
System and method for achieving continuous connectivity to an access point or gateway in a wireless network following an on-demand routing protocol, and to perform smooth handoff of mobile terminals between fixed terminals in the network	11328624	1/10/2006	7269155	9/11/2007	ARRIS ENTERPRISES LLC
Range equalization transceiver system and method of using same	11383077	5/12/2006	7796633	9/14/2010	ARRIS ENTERPRISES LLC
System and method for groupcast packet forwarding in a wireless network	11383130	5/12/2006	7801143	9/21/2010	ARRIS ENTERPRISES LLC
Method and apparatus for determining a route between a source node and a destination node in a wireless multihopping communication network	11403245	4/13/2006	7315548	1/1/2008	ARRIS ENTERPRISES LLC
Method and apparatus for battery-aware dynamic bandwidth allocation for wireless sensor networks	11681625	3/2/2007	7969928	6/28/2011	ARRIS ENTERPRISES LLC
Method and apparatus for battery-aware dynamic bandwidth allocation for groups of wireless sensor nodes in a wireless sensor network	11681634	3/2/2007	7801079	9/21/2010	ARRIS ENTERPRISES LLC
System and method for controlling the transmission power of a node	11694876	3/30/2007	8676245	3/18/2014	ARRIS ENTERPRISES LLC
Method of communicating within a mesh network	11844561	8/24/2007	8270429	9/18/2012	ARRIS ENTERPRISES LLC
Method and device for providing an alternative backhaul portal in a mesh network	11858507	9/20/2007	8248949	8/21/2012	ARRIS ENTERPRISES LLC
System for enabling mobile coverage extension and peer-to-peer communications in an ad hoc network and method of operation therefor	11926513	11/7/2007	8068454	11/29/2011	ARRIS ENTERPRISES LLC



Title	App. No.	App. Date	Patent No.	Issue Date	Grantor
Multiplexing apparatus in a transceiver system	11943724	11/21/2007	7701887	4/20/2010	COMMSCOPE TECHNOLOGIES LLC
IMS security for femtocells	11968088	12/31/2007	9166799	10/20/2015	COMMSCOPE TECHNOLOGIES LLC
Method and apparatus for operation of a communication device	12042825	3/5/2008	8374174	2/12/2013	ARRIS ENTERPRISES LLC
Enterprise mobile network for providing cellular wireless service using licensed radio frequency spectrum and internet protocol backbone	12367451	2/6/2009	8279800	10/2/2012	COMMSCOPE TECHNOLOGIES LLC
Enterprise mobile network for providing cellular wireless service using licensed radio frequency spectrum and the session initiation protocol	12367458	2/6/2009	8274929	9/25/2012	COMMSCOPE TECHNOLOGIES LLC
Method of triggering a key delivery from a mesh key distributor	12493963	6/29/2009	9451452	9/20/2016	ARRIS ENTERPRISES LLC
Multiplexing apparatus in a transceiver system	12707921	2/18/2010	8031647	10/4/2011	COMMSCOPE TECHNOLOGIES LLC
Multiple-trx pico base station for providing improved wireless capacity and coverage in a building	14872846	10/1/2015			COMMSCOPE TECHNOLOGIES LLC
Multiple-trx pico base station for providing improved wireless capacity and coverage in a building	12367449	2/6/2009	8548526	10/1/2013	COMMSCOPE TECHNOLOGIES LLC

PATENT

REEL: 060073 FRAME: 0491

RECORDED: 05/16/2022