

## PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI925922

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
CommScope Technologies LLC		03/31/2025
<b>RECEIVING PARTY DATA</b>		
<b>Company Name:</b>	ARRIS Enterprises LLC	
<b>Street Address:</b>	101 Tournament Drive	
<b>City:</b>	Horsham	
<b>State/Country:</b>	PENNSYLVANIA	
<b>Postal Code:</b>	19044	
<b>PROPERTY NUMBERS Total: 9</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	13526284	
Application Number:	15728916	
Application Number:	16903163	
Application Number:	17672811	
Application Number:	18334563	
Application Number:	15189381	
Application Number:	13445258	
Application Number:	13351699	
Application Number:	13670000	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
<b>Phone:</b>	2153852007	
<b>Email:</b>	amanda.vinci@commscope.com	
<b>Correspondent Name:</b>	Amanda Vinci	
<b>Address Line 1:</b>	101 Tournament Drive	
<b>Address Line 4:</b>	Horsham, PENNSYLVANIA 19044	
<b>NAME OF SUBMITTER:</b>	Amanda Vinci	
<b>SIGNATURE:</b>	/Amanda Vinci/	

<b>DATE SIGNED:</b>	04/01/2025
<b>Total Attachments: 6</b> source=3-31-25 Patent Assignment for CASA - CST to AEL#page1.tiff source=3-31-25 Patent Assignment for CASA - CST to AEL#page2.tiff source=3-31-25 Patent Assignment for CASA - CST to AEL#page3.tiff source=3-31-25 Patent Assignment for CASA - CST to AEL#page4.tiff source=3-31-25 Patent Assignment for CASA - CST to AEL#page5.tiff source=3-31-25 Patent Assignment for CASA - CST to AEL#page6.tiff	

## **PATENT ASSIGNMENT**

WHEREAS, **CommScope Technologies LLC** (hereafter "Assignor"), a company organized under the laws of the state of Delaware, having an address at 3642 E. US Highway 70, Claremont, North Carolina 28610, United States of America, is the owner of the patents set forth on Exhibit A hereto and the inventions described and claimed therein (hereafter the "Patent Property"); and

WHEREAS, **ARRIS Enterprises LLC** (hereafter "Assignee"), a company organized under the laws of the state of Delaware, having an address at 101 Tournament Drive, Horsham, Pennsylvania 19044, United States of America, desires to acquire all right, title, and interest in and to the Patent Property.

NOW, THEREFORE, for good and valuable consideration including \$1.00 (one dollar), the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, all its right, title and interest in and to the Patent Property, as well as all priority applications, provisionals, continuations, divisions, continuations-in-part, of said Patent Property, and all reissues, reexaminations, and extensions thereof, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Patent Property may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

Assignor also assigns to Assignee, all right, title and interest in and to the inventions disclosed in said Patent Property throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said Patent Property in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said Patent Property in appropriate registries.

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Assignor grants to said Assignee, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries of between any other countries.

To the extent applicable, Assignor hereby assigns to Assignee, its successor and assigns, all right, title, and interest to sue third parties for any past, present, or future infringement, and to collect all damages relating thereto, of all Letters Patent assigned herein.

The Assignor hereby grants the Assignee an irrevocable limited power of attorney to perform all acts reasonably necessary in the name of and on behalf of the Assignor to perfect and formalize the assignment and transfer of the patents in the attached Schedule of Patents. Such power of attorney shall be limited in scope to that required by the Assignee in order to perform such necessary acts to perfect and formalize the assignment and transfer of the patents.

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed in the capacity shown below. The effective date of this assignment is 31<sup>st</sup> day of March 2025.

*[Remainder of page left blank intentionally. Signature pages follow.]*

**ASSIGNOR:**

CommScope Technologies LLC

By: *Laura Thomas*

Name: Laura Thomas

Title: Managing Corporate Counsel, IP

Date: March 31, 2025

Place: Claremont, North Carolina USA

State of North Carolina

County of Catawba

I certify that Laura Thomas personally appeared before me this day, acknowledging to me that she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated: Laura Thomas

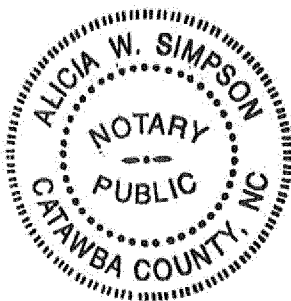
Witness this 31st day of March 2025

*Alicia W. Simpson*

Official Signature of Notary Public

Notary Printed Name: Alicia W. Simpson

My Commission Expires: August 15, 2028



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I (We) accept this assignment with all rights and obligations pertaining thereto.

**ASSIGNEE:**

ARRIS Enterprises LLC

By: \_\_\_\_\_

Name: Michael D. Coppin

Title: Vice President

Date: March 31, 2025

Place: Claremont, North Carolina, USA

State of North Carolina

County of Catawba

I certify that Michael D. Coppin personally appeared before me this day, acknowledging to me that he voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated: Michael D. Coppin

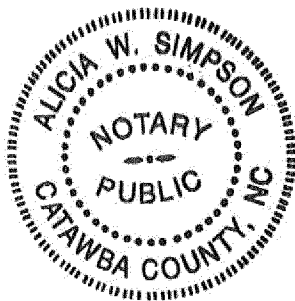
Witness this 31st day of March 2025

Alicia W. Simpson

Official Signature of Notary Public

Notary Printed Name: Alicia W. Simpson

My Commission Expires: August 15, 2028



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Exhibit A  
Schedule of Patents

AppID	Case No.	Country	Patent Number	Issue Date	Application Number	Filing Date	Title
124413	CASA01	US	8565266	2013-10-22	13/526284	2013-10-10	INTELLIGENT NODE FOR IMPROVING SIGNAL QUALITY IN A CABLE MODEM NETWORK
124415	CASA02	US	10383122	2019-08-13	15/728916	2017-10-10	DYNAMIC SHARING OF OFDMA AND ATDMA SIGNALS
124421	CASA03	AU			2020294626	2021-12-21	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124422	CASA03	CN	ZL202080057756.3	2024-11-01	2020800577563	2022-02-15	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
125815	CASA03	CN			2024113937711	2024-10-08	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124423	CASA03	EP			20735803.7	2022-01-17	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124424	CASA03	JP	7378506	2023-11-02	2021-574742	2021-12-14	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124425	CASA03	JP			2023-187071	2023-10-31	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124419	CASA03	US	11283559	2022-03-22	16/903163	2020-06-16	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS

AppID	Case No.	Country	Patent Number	Issue Date	Application Number	Filing Date	Title
124426	CASA03	US	11728956	2023-08-15	17/672811	2022-02-16	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124427	CASA03	US	11997050	2024-05-28	18/334563	2023-06-14	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124428	CASA03	US			18/638096	2024-04-17	METHODS AND APPARATUS FOR GENERATING AND USING DYNAMIC PROFILES FOR CABLE TRANSMISSION SYSTEMS
124429	CASA04	US	9876531	2018-01-23	15/189381	2016-06-22	SYSTEM AND METHOD FOR REDUCING INTERFERENCE IN OFDM CHANNELS
124430	CASA05	US	8670481	2014-03-11	13/445258	2012-04-12	SYSTEM AND METHOD FOR DYNAMIC PROFILE MANAGEMENT IN CABLE MODEM SYSTEMS
124431	CASA06	US	8306166	2012-11-06	13/351699	2012-01-17	SYSTEM AND METHOD FOR DETECTING BURST NOISE DURING QUADRATURE AMPLITUDE MODULATION COMMUNICATIONS
124432	CASA06	US	8885781	2014-11-11	13/670000	2012-11-06	SYSTEM AND METHOD FOR DETECTING BURST NOISE DURING QUADRATURE AMPLITUDE MODULATION COMMUNICATIONS

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