

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7956707

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	PARTIAL RELEASE (REEL 049905 / FRAME 0504)

CONVEYING PARTY DATA

Name	Execution Date
JPMORGAN CHASE BANK, N.A.	05/15/2015

RECEIVING PARTY DATA

Name:	COMMSCOPE, INC. OF NORTH CAROLINA
Street Address:	1100 COMMSCOPE PLACE SE
City:	HICKORY
State/Country:	NEW YORK
Postal Code:	28602
Name:	COMMSCOPE TECHNOLOGIES LLC
Street Address:	1100 COMMSCOPE PLACE SE
City:	HICKORY
State/Country:	NORTH CAROLINA
Postal Code:	28602

PROPERTY NUMBERS Total: 31

Property Type	Number
Application Number:	12510351
Application Number:	12533265
Application Number:	29392008
Application Number:	13649734
Application Number:	13325509
Application Number:	13531613
Application Number:	13531936
Application Number:	14745693
Application Number:	13761369
Application Number:	14602301
Application Number:	15624022
Application Number:	16167478
Application Number:	13781799
Application Number:	14487283
Application Number:	15719184

PATENT

Property Type	Number
Application Number:	14561319
Application Number:	15607896
Application Number:	15797677
Application Number:	14672260
Application Number:	15640151
Application Number:	16121575
Application Number:	14678192
Application Number:	15719538
Application Number:	15638877
Application Number:	16058629
Application Number:	15869184
Application Number:	29600714
Application Number:	29641575
Application Number:	16133672
Application Number:	16133678
Application Number:	12208675

CORRESPONDENCE DATA

Fax Number: (800)914-4240

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.

Phone: 800-713-0755

Email: Michael.Violet@wolterskluwer.com

Correspondent Name: CT CORPORATION

Address Line 1: 4400 EASTON COMMONS WAY

Address Line 2: SUITE 125

Address Line 4: COLUMBUS, OHIO 43219

NAME OF SUBMITTER: DORIS KA

SIGNATURE: /Doris Ka/

DATE SIGNED: 05/16/2023

Total Attachments: 10

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

JPMorgan Chase Bank, N.A.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 15, 2015

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Partial Release (Reel 049905 / Frame 0504)

2. Name and address of receiving party(ies)

Name: 1. CommScope, Inc. of North Carolina

2. CommScope Technologies LLC

Internal Address: _____

Street Address: 1100 CommScope Place SE

City: Hickory

State: NC

Country: USA Zip: 28602

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

See attached Exhibit A

See attached Exhibit A

Additional numbers attached? ☒ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Doris Ka, Senior Paralegal (IP)

Internal Address: Cahill Gordon & Reindel LLP

Street Address: 32 Old Slip

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3569

Docket Number: CommScope 57320.1456 TL

Email Address: dka@cahill.com

6. Total number of applications and patents involved: ³¹ _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized UserName _____

9. Signature:

Doris Ka

May 16, 2023

Signature

Date

Doris Ka

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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

May 15, 2023

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 CommScope, Inc. of North Carolina, a North Carolina corporation (“CSNC” 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 Credit Agreement referred to below.

WHEREAS, reference is made to that certain Term Loan Credit Agreement, dated as of April 4, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), by and among CommScope Holding Company, Inc. (“Holdings”), CommScope, Inc. (the “Borrower”), 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 Term Loan 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 that certain Patent Security Agreement, dated as of April 4, 2019 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “2019 Patent Security Agreement”) and that certain Patent Security Agreement, dated as of November 12, 2021 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “2021 Patent Security Agreement” and together with the 2019 Patent Security Agreement, the “Patent Security Agreements”), 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 2019 Patent Security Agreement was recorded with the United States Patent and Trademark Office (“USPTO”) on July 3, 2019 at Reel 049905 and Frame 0504 and the 2021 Patent Security Agreement was recorded with the USPTO on November 15, 2021 at Reel 058875 and Frame 0449; 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 Agreements solely with respect to the Patents, and any right, title or interest of the Collateral Agent arising under the Patent Security Agreements 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]

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

EXHIBIT A

See attached.

Patent Title	App. No.	App. Date	Patent No.	Issue Date	Owner
1 Power Divider Networks for Cable Television Networks that include Multimedia Over Coax Bypass Circuits and Signal Amplifiers that Include Such Power Divider Networks	12/510351	2009-07-28	8397271	2013-03-12	CommScope, Inc. of North Carolina
2 Signal Amplifiers Having Plated Aluminum Housing Bodies with a Back Plate Permanently Attached Thereto	12/533265	2009-07-31	8081427	2011-12-20	CommScope, Inc. of North Carolina
3 F-Style Coaxial Connectors with a Pre-Attached Removable Front-End Compression Sleeve	29/392008	2011-05-16	D664504	2012-07-31	CommScope, Inc. of North Carolina
4 Surge Protector Components having a Plurality of Spark Gap Members between a Central Conductor and an Outer Housing	13/649734	2012-10-11	8939796	2015-01-27	CommScope, Inc. of North Carolina
5 Preconnectorized Coaxial Cable Connector Apparatus	13/325509	2011-12-14	8920193	2014-12-30	CommScope, Inc. of North Carolina
6 Low Distortion Signal Amplifiers having Extended Upstream Bandwidths and Related Methods	13/531613	2012-06-25	9780831	2017-10-03	CommScope, Inc. of North Carolina

7	Signal Amplifiers that Switch to an Attenuated or Alternate Communications Path in Response to a Power Interruption	13/531936	2012-06-25	9094101	2015-07-28	CommScope, Inc. of North Carolina
8	Signal Amplifiers that Switch to an Attenuated or Alternate Communications Path in Response to a Power Interruption	14/745693	2015-06-22	9819369	2017-11-14	CommScope, Inc. of North Carolina
9	Signal Amplifiers that Switch to an Attenuated or Alternate Communications Path in Response to a Power Interruption	13/761369	2013-02-07	8971792	2015-03-03	CommScope, Inc. of North Carolina
10	Signal Amplifiers that Switch to an Attenuated or Alternate Communications Path in Response to a Power Interruption	14/602301	2015-01-22	9686698	2017-06-20	CommScope, Inc. of North Carolina
11	SIGNAL AMPLIFIERS THAT SWITCH TO AN ATTENUATED OR ALTERNATE COMMUNICATIONS PATH IN RESPONSE TO A POWER INTERRUPTION	15/624022	2017-06-15	10117118	2018-10-30	CommScope, Inc. of North Carolina
12	SIGNAL AMPLIFIERS THAT SWITCH TO AN ATTENUATED OR ALTERNATE COMMUNICATIONS PATH IN RESPONSE TO A POWER INTERRUPTION	16/167478	2018-10-22	10798593	2020-10-06	CommScope, Inc. of North Carolina
13	Coaxial Connector with Visible Post	13/781799	2013-03-01	9070986	2015-06-30	CommScope, Inc. of North Carolina

14.	Radio Frequency Subscriber Drop Units having Printed Circuit Boards with Ground Plane Layers and/or Housings with Ground Walls	14/487283	2014-09-16	9795043	2017-10-17	CommScope, Inc. of North Carolina
15.	RADIO FREQUENCY SUBSCRIBER DROP UNITS HAVING PRINTED CIRCUIT BOARDS WITH GROUND PLANE LAYERS AND/OR HOUSINGS WITH GROUND WALLS	15/719184	2017-09-28	10561030	2020-02-11	CommScope, Inc. of North Carolina
16.	Signal Amplifiers that Support MOCA Communications at Both Active and Passive Output Ports	14/561319	2014-12-05	9699516	2017-07-04	CommScope, Inc. of North Carolina
17.	SIGNAL AMPLIFIERS THAT SUPPORT MOCA COMMUNICATIONS AT BOTH ACTIVE AND PASSIVE OUTPUT PORTS	15/607896	2017-05-30	10277954	2019-04-30	CommScope, Inc. of North Carolina
18.	SIGNAL AMPLIFIERS THAT SUPPORT MOCA COMMUNICATIONS AT BOTH ACTIVE AND PASSIVE OUTPUT PORTS	17/026625	2020-09-21	11503380	2022-11-15	CommScope, Inc. of North Carolina
19.	UPSTREAM NOISE SUPPRESSION CIRCUITS AND RELATED RADIO FREQUENCY SUBSCRIBER DROP EQUIPMENT AND METHODS	15/797677	2017-10-30	10484748	2019-11-19	CommScope, Inc. of North Carolina
20.	Radio Frequency Power Divider Networks having MOCA Bypass Circuits and Related Methods	14/672260	2015-03-30	9743038	2017-08-22	CommScope, Inc. of North Carolina
21.	RADIO FREQUENCY POWER DIVIDER NETWORKS HAVING MOCA BYPASS CIRCUITS AND RELATED METHODS	15/640151	2017-06-30	10097791	2018-10-09	CommScope, Inc. of North Carolina
22.	RADIO FREQUENCY POWER DIVIDER NETWORKS HAVING MOCA BYPASS CIRCUITS AND RELATED METHODS	16/121575	2018-09-04	10623693	2020-04-14	CommScope, Inc. of North Carolina
23.	Methods and Systems for Reducing Optical Beat Interference via Polarization Diversity in FTTX Networks	14/678192	2015-04-03	9705598	2017-07-11	CommScope, Inc. of North Carolina

24.	ADVANCED RF INPUT PORT AGAINST SURGE	15/719538	2017-09-28	10320342	2019-06-11	CommScope, Inc. of North Carolina
25.	EMI REDUCTION WITHIN A CONNECTOR USING A FEED-THROUGH CAPACITOR	15/638877 ¹	2017-06-30	10404229	2019-09-03	CommScope, Inc. of North Carolina
26.	MOCA CONNECTIVITY BETWEEN RF AMPLIFIERS OR SPLITTER DEVICES	16/058629	2018-08-08	11038813	2021-06-15	CommScope Technologies LLC
27.	HYBRID SPLITTER PASSING CATV+MOCA AND MOCA SIGNALS	15/869184	2018-01-12	10462419	2019-10-29	CommScope Technologies LLC
28.	COAXIAL CONNECTOR HOUSING	29/600714	2017-04-14	D837740	2019-01-08	CommScope, Inc. of North Carolina
29.	CABLE SPLITTER	29/641575	2018-03-22	D859321	2019-09-10	CommScope Technologies LLC
30.	POINT OF ENTRY (POE) SPLITTER HOUSING	16/133672	2018-09-17			CommScope Technologies LLC
31.	POINT OF ENTRY (POE) SPLITTER CIRCUITRY	16/133678	2018-09-17	10855489	2020-12-01	CommScope Technologies LLC
32.	POINT OF ENTRY (POE) SPLITTER CIRCUITRY	17/100539	2020-11-20	11424949	2022-08-23	CommScope Technologies LLC
33.	MOCA CONNECTIVITY SPLITTER AND HUB	17/334883	2021-05-31			CommScope, Inc. of North Carolina

¹ This patent was inadvertently scheduled with CommScope, Inc. of North Carolina, rather than CommScope Technologies LLC, listed as owner.
See row No. 503 of the schedules to that certain Patent Security Agreement, dated as of April 4, 2019, by the Pledgors party thereto in favor of JPMorgan Chase Bank, N.A., as Collateral Agent.

34.	CATV DEVICE WITH RESISTIVE SIGNAL DISTRIBUTION NETWORK	16/788283	2020-02-11	11109112	2021-08-31	CommScope Technologies LLC
35.	CATV DEVICE WITH RESISTIVE SIGNAL DISTRIBUTION NETWORK	17/390861	2021-07-30			CommScope Technologies LLC
36.	Signal Amplifiers having Non-Interruptible Communication Paths	12/208675	2008-09-11	7912431	2011-03-22	CommScope, Inc. of North Carolina
37.	SIGNAL AMPLIFIERS THAT SWITCH TO AN ATTENUATED OR ALTERNATE COMMUNICATIONS PATH IN RESPONSE TO A POWER INTERRUPTION	17/063659	2020-10-05	11510076	2022-11-22	CommScope, Inc. of North Carolina

PATENT

REEL: 063664 FRAME: 0384

RECORDED: 05/16/2023