

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5334615

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER AND CHANGE OF NAME
<b>EFFECTIVE DATE:</b>	09/30/2018

**CONVEYING PARTY DATA**

Name	Execution Date
REDWOOD SYSTEMS, INC.	09/28/2018

**NEWLY MERGED ENTITY DATA**

Name	Execution Date
COMMSCOPE TECHNOLOGIES LLC	09/28/2018

**MERGED ENTITY'S NEW NAME (RECEIVING PARTY)**

<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

**PROPERTY NUMBERS Total: 26**

Property Type	Number
Patent Number:	8662734
Patent Number:	8415900
Patent Number:	8538596
Patent Number:	9583979
Patent Number:	8981913
Patent Number:	8706271
Patent Number:	8706310
Patent Number:	9572228
Patent Number:	9347834
Patent Number:	8809788
Patent Number:	8860324
Patent Number:	8860316
Patent Number:	8759734
Patent Number:	8381981
Patent Number:	8058750

PATENT

Property Type	Number
Patent Number:	8159156
Patent Number:	8710772
Patent Number:	8729835
Patent Number:	8230148
Patent Number:	8427300
Patent Number:	8207635
Patent Number:	8248230
Patent Number:	8390441
Patent Number:	8890679
Patent Number:	8890663
Application Number:	14521498

**CORRESPONDENCE DATA**

**Fax Number:** (828)431-2520  
*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:** 8283242200  
**Email:** lthomas@commscope.com  
**Correspondent Name:** LAURA THOMAS  
**Address Line 1:** 1100 COMMSCOPE PLACE SE  
**Address Line 4:** HICKORY, NORTH CAROLINA 28602

<b>NAME OF SUBMITTER:</b>	LAURA THOMAS
<b>SIGNATURE:</b>	s/Laura Thomas/
<b>DATE SIGNED:</b>	01/21/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3**  
source=COMMSCOPE TECHNOLOGIES LLC - DE - Merger#page1.tif  
source=COMMSCOPE TECHNOLOGIES LLC - DE - Merger#page2.tif  
source=COMMSCOPE TECHNOLOGIES LLC - DE - Merger#page3.tif

# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"REDWOOD SYSTEMS, INC.", A DELAWARE CORPORATION, WITH AND INTO "COMMSCOPE TECHNOLOGIES LLC" UNDER THE NAME OF "COMMSCOPE TECHNOLOGIES LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF SEPTEMBER, A.D. 2018, AT 12:36 O`CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTIETH DAY OF SEPTEMBER, A.D. 2018.



  
Jeffrey W. Bullock, Secretary of State

2108411 8100M  
SR# 20186891037

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 203516051  
Date: 09-28-18

**PATENT**  
**REEL: 048071 FRAME: 0414**

**CERTIFICATE OF MERGER**  
**OF**  
**REDWOOD SYSTEMS, INC.**  
**(a Delaware corporation)**  
**WITH AND INTO**  
**COMMSCOPE TECHNOLOGIES LLC**  
**(a Delaware limited liability company)**

---

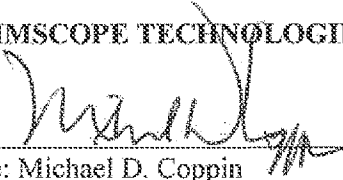
Pursuant to Title 8, Section 264(c) of the Delaware General Corporation Law, as amended, and Title 6, Section 18-209 of the Limited Liability Company Act of the State of Delaware, as amended (the "Act"), the undersigned limited liability company executed the following Certificate of Merger:

1. CommScope Technologies LLC is a limited liability company formed under the laws of the State of Delaware (hereinafter referred to as the "Surviving LLC").
2. Redwood Systems, Inc., is a corporation formed under the laws of the State of Delaware (hereinafter referred to as the "Merging Corporation").
3. The Surviving LLC and the Merging Corporation have each approved and executed an agreement of merger ("Agreement of Merger") in accordance with Section 18-209 of the Act.
4. The name of the surviving domestic limited liability company is CommScope Technologies LLC.
5. The Certificate of Formation of the Surviving LLC in effect immediately prior to the merger shall continue as the Certificate of Formation of the Surviving LLC immediately following the merger without amendment.
6. The executed Agreement of Merger is on file at the principal place of business of the Surviving LLC at the following address: 1100 CommScope Place SE, Hickory, NC 28603.
7. A copy of the Agreement of Merger will be furnished by the Surviving LLC, on request and without cost, to any member of the Surviving LLC or stockholder of the Merging Corporation.
8. The filing of this Certificate of Merger, and thus the merger of the Merging Corporation into the Surviving LLC, shall be effective on September 30, 2018.

(Signature Page Follows)

IN WITNESS WHEREOF, the surviving domestic limited liability company has caused this Certificate of Merger to be signed as of September 28, 2018, by a duly authorized person, declaring that the facts stated herein are true.

COMMSCOPE TECHNOLOGIES LLC

By:   
Name: Michael D. Coppin  
Title: Authorized Person

4247718

RECORDED: 01/21/2019

PATENT  
REEL: 048071 FRAME: 0416