## 504530603 09/01/2017

EPAS ID: PAT4577309

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JULIAN S. MULLANEY	03/15/2016
ERIC EMMANUEL ALSTON	03/15/2016
WILLIAM ALAN CARRICO	03/15/2016
ERIC RYAN CHAPPELL	03/05/2016

## **RECEIVING PARTY DATA**

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15555243

## **CORRESPONDENCE DATA**

**Fax Number:** (612)332-9081

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:** 612-332-5300

**Email:** mcaufman@merchantgould.com

Correspondent Name: DAVID G. SCHMALTZ

Address Line 1: P.O. BOX 2903

Address Line 2: M&G COMMSCOPE

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	02316.4244USWO
NAME OF SUBMITTER:	DAVID G. SCHMALTZ
SIGNATURE:	/David G. Schmaltz/
DATE SIGNED:	09/01/2017

**Total Attachments: 4** 

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PATENT REEL: 043472 FRAME: 0046

### ASSIGNMENT

WHEREAS, we, Julian S. MULLANEY, Eric Emmanuel ALSTON, William Alan CARRICO and Eric Ryan CHAPPELL, made certain new and useful inventions and improvements for which we filed an international PCT application on March 3, 2016, Application No. <a href="https://pct/pct/pct/pct/pct/">PCT/US2016/020712</a>, which is entitled HYBRID CONDUIT SYSTEM.

AND WHEREAS, COMMSCOPE TECHNOLOGIES LLC, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1100 CommScope Place SE, Hickory, North Carolina 28602 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor in any country;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the right(s) to claim priority thereto, and in and to the application, all patent applications based upon said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other

PATENT REEL: 043472 FRAME: 0047 documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this /s day of
March , 2016.
Julian S. MULLANDY
STATE OF NORTH CAROUNA)
STATE OF NORTH CAROUNA)  COUNTY OF MAKE  ) ss.
On this 15 day of Warch , 2016, before me personally appeared
Julian S. MULLANEY to me known and known to me to be the person described in and who
executed the foregoing instrument, and Julian S. MULLANEY duly acknowledged to me that
Julian S. MULLANEY executed the same for the uses and purposes therein set forth.
ISBALL (Drolin)
[SEAL],  My commission expires July 13, 2019

IN TESTIMONY WHEREOF, I have hereunto set my hand this _15_ day of
MARCH , 2016.
Eric Emmanuel ALSTON
STATE OF NORTH CAROLINA)
COUNTY OF WAKE )
On this 15 day of March, 2016, before me personally appeared
Eric Emmanuel ALSTON to me known and known to me to be the person described in and who
executed the foregoing instrument, and Eric Emmanuel ALSTON duly acknowledged to me that
Eric Emmanuel ALSTON executed the same for the uses and purposes therein set forth.
My commission expires July 13, 2019
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of
March 2016.
William Alan CARRICO
STATE OF NORTH CAROLINA)
COUNTY OF WAKE )
On this 15 day of March , 2016, before me personally appeared
William Alan CARRICO to me known and known to me to be the person described in and who
executed the foregoing instrument, and William Alan CARRICO duly acknowledged to me that
William Alan CARRICO executed the same for the uses and purposes therein set forth.
[SEAL]  Notary Public  My commission expires July 13, 2019
My commission expires July 13, 2019

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) ss.					
COUNTY OF		)			
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[mww]	J			······	
		Not	ary Public		

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