# 505571889 07/15/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5618687

SUBMISSION TYPE:		CORRECTIVE ASSIGNMENT	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYAN	ANCE: Corrective Assignment to correct the PCT previously recorded on Reel 044058 Fram confirms the ASSIGNMENT.				
CONVEYING PARTY DA	ATA				
Name			Execution Date		
THOMAS MARCOUILLER			11/07/2017		
OSCAR FERNANDO BRAN DE LEÓN			11/07/2017		
ERIK J. GRONVALL			11/07/2017		
RECEIVING PARTY DA	ГА				
Name:	COMMSCO	OPE TECHNOLOGIES LLC			
Street Address:	1100 COMMSCOPE PLACE SE				
City:	HICKORY				
State/Country:	NORTH CAROLINA				
Postal Code:	28602				
Property Type		Number			
Property Type					
Application Number:	15/	27603			
Application Number:	154	27603			
Application Number: CORRESPONDENCE D		.27603			
	ATA	2)332-9081			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (612				
CORRESPONDENCE D. Fax Number: <i>Correspondence will be</i>	ATA (612 e sent to the provided; if	2)332-9081 e e-mail address first; if that is unsu			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA (612 e sent to the provided; if (612 kwa	2)332-9081 e e-mail address first; if that is unsu that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com	· · · · · · · · · · · · · · · · · · ·		
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CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	ATA (612 e sent to the provided; if (612 kwa JUL ME	2)332-9081 e e-mail address first; if that is unsu that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com LIE K. SKOGE RCHANT & GOULD P.C.			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to the provided; if (612 kwa JUL MEI P.O	2)332-9081 e e-mail address first; if that is unsu that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com .IE K. SKOGE RCHANT & GOULD P.C. 0. BOX 2903	via US Mail.		
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to the provided; if (612 kwa JUL MEI P.O	2)332-9081 e e-mail address first; if that is unsu that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com LIE K. SKOGE RCHANT & GOULD P.C.	via US Mail.		
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA (612 e sent to the provided; if (612 kwa JUL ME P.O MIN	2)332-9081 e e-mail address first; if that is unsu that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com .IE K. SKOGE RCHANT & GOULD P.C. 0. BOX 2903	via US Mail.		
CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (612 e sent to the provided; if (612 kwa JUL ME P.O MIN	2)332-9081 e e-mail address first; if that is unsu that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com LIE K. SKOGE RCHANT & GOULD P.C. 0. BOX 2903 INEAPOLIS, MINNESOTA 55402-090	via US Mail.		
CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (612 e sent to the provided; if (612 kwa JUL ME P.O MIN	2)332-9081 e e-mail address first; if that is unsu- that is unsuccessful, it will be sent 2) 332-5300 acek@merchantgould.com LIE K. SKOGE RCHANT & GOULD P.C. 0. BOX 2903 INEAPOLIS, MINNESOTA 55402-090 02316.5094USU1	via US Mail.		

### **Total Attachments: 5**

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## 504631941 11/07/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4678659

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
			Name		Execution Date	
THOMAS MARCOUILLER					11/07/2017	
OSCAR FERNANDO BRAN DE LEÓN				11/07/2017		
ERIK J. GRONVALL					11/07/2017	
RECEIVING PARTY D	ΔΤΑ					
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Street Address:	1100 C	1100 COMMSCOPE PLACE SE				
City:	ніско	HICKORY				
State/Country:	NORTH	I CAF	ROLINA			
Postal Code:	28602					
	r		Number			
Property Typ		1540	Number			
Application Number:		1542	7603			
CORRESPONDENCE						
			332-9801			
			e-mail address first; if that is un			
using a fax number, if provided; if th Phone: 61233		325300	IIL VIC			
		ers@merchantgould.com				
•		CHANT & GOULD P.C.				
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ATTORNEY DOCKET NUMBER:			02316.5094USU1			
NAME OF SUBMITTER:		DAVID G. SCHMALTZ				
SIGNATURE:		/DAVID G. SCHMALTZ/				
DATE SIGNED:		11/07/2017				
Total Attachments: 4						
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#### Attorney Docket No. 02316.5094USUI/ADC005278

#### ASSIGNMENT

WHEREAS, we, Thomas Marcouiller, Oscar Fernando Bran De Leon and Erik J. Gronvall, made certain new and useful inventions and improvements for which we filed the following patent applications: U.S. Patent Application Serial No. <u>15/427603</u>, filed February 8, 2017, entitled FIBER DEMARCATION POINT AND SLACK STORAGE; and PCT Patent PCT/US2017/017042 Application No. <u>PCT/US2017/017042</u>, filed February 8, 2017, entitled FIBER DEMARCATION POINT AND SLACK STORAGE. W//3/18

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, NC 28602 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and applications and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof 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

#### Attorney Docket No. 02316.5094USU1/ADC005278

in writing including any and all further application papers, affidavits, assignments and other 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 \_\_\_\_\_ day of \_\_\_\_\_\_

CThomas Marcouiller Inventor

STATE OF Minorala	)
COUNTY OF Sco H	) ss. )

On this <u>7</u> day of <u>Marca 677</u>, 20<u>77</u>, before me personally appeared Thomas Marcouiller to me known and known to me to be the person described in and who executed the foregoing instrument, and Thomas Marcouiller duly acknowledged to me that Thomas Marcouiller executed the same for the uses and purposes therein set forth.



Notary Public

Attorney Docket No. 02316.5094USU1/ADC005278

	OF, I have hereunto set my hand this 67 day of
<u>, 20[7</u> .	OF, I have here unto set my hand this OF day of Office of the set
STATE OF <u>///.o.w.55/74</u> ) ) ss. COUNTY OF <u>()</u> )	A second s
COUNTY OF <u>5.3 //</u> )	
On this day of	25 <u>19 19 19</u> before me personally appeared
Oscar Fernando Bran De Leon to me know	vn and known to me to be the person described in and
who executed the foregoing instrument, an	nd Oscar Fernando Bran De Leon duly acknowledged
to me that Oscar Fernando Bran De Leon	executed the same for the uses and purposes therein set
forth.	and the second
PAUL J REZAC NOTARY PUBLIC - MINNEGOTA MY COMMISSION EXPIRES 01/01/19	Notary Public
IN TESTIMONY WHERE	OF, I have hereunto set my hand thisday of
, 20	
	Erik J. Gronvall Inventor
STATE OF )	
) ss. COUNTY OF )	
On this day of	, 20, before me personally appeared
	to me to be the person described in and who executed
the foregoing instrument, and Erik J. Gror	wall duly acknowledged to me that Erik J. Gronvall
executed the same for the uses and purpos	es therein set forth.

[SEAL]

Notary Public

### Attorney Docket No. 02316.5094USU1/ADC005278

	have hereunto set my hand this day of
, 20,	
	scar Fernando Bran De León ventor
STATE OF )	
STATE OF) )   ) ss. )   COUNTY OF)	
On this day of	, 20, before me personally appeared
	d known to me to be the person described in and
	car Fernando Bran De Leon duly acknowledged
	ted the same for the uses and purposes therein set
forth.	
[SEAL]	otary Public
Nov., 2017.	have hereunto set my hand this day of kJ. Gronvall ventor
STATE OF Minnesotz)	
STATE OF Minnesotz) COUNTY OF Scott )ss.	
On this 7th day of November	4, 2017, before me personally appeared
Frik I Gronvall to me known and known to me	

J. Gronvall to me known and known to me to be the person described in and who executed the foregoing instrument, and Erik J. Gronvall duly acknowledged to me that Erik J. Gronvall executed the same for the uses and purposes therein set forth.

[SEAL]



Mulun Shit

**RECORDED: 07/15/2019**