504338014 04/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4384702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN CHAMBERLAIN	04/25/2017
MICHAEL GUERIN	04/25/2017

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:	15497021

CORRESPONDENCE DATA

Fax Number: (952)465-0771

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: 952-465-0770

Email: DOCKETING@FOGGLAW.COM

Correspondent Name: FOGG & POWERS LLC

Address Line 1: 4600 WEST 77TH STREET SUITE 305
Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	100.1666US05	
NAME OF SUBMITTER:	LINDSAY M. AHO	
SIGNATURE:	/LINDSAY M. AHO/	
DATE SIGNED:	04/26/2017	

Total Attachments: 4

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PATENT 504338014 REEL: 042144 FRAME: 0314

ASSIGNMENT

WHEREAS, we, John Chamberlain residing at 431 4th AVE NW, Hickory, NC 28601, US; Michael Guerin residing at 3606 Charlemagne Ln., St. Charles, IL 60174, US;, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled PROGRAMMABLE POWER SUPPLIES FOR CELLULAR BASE STATIONS AND RELATED METHODS OF REDUCING POWER LOSS IN CELLULAR SYSTEMS (the "Application").

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 the inventions, improvements and the Application 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 consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, 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 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 identified above, we do agree that me and my 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to me relating to the 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 the 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 the 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.

PATENT REEL: 042144 FRAME: 0315

ATTORNEY DOCKET: 100.1666US0S PAGE 2 OF 2	
IN TESTIMONY WHEREOF, I have hereunto se 2017.	tiny hand this <u>25</u> day of <u>April 2012</u> [][CG]
STATE OF North Carolina	off Chamberlain
COUNTY of Caterias	
Colombia Continues Tolombia	s and purposes therein set forth. Area () Exp. Iotary Public
IN TESTIMONY WHEREOF, I have hereunto set 2017.	my hand thisday of
STATE of) State of) State of)	Nichael Guerín
On this day of, 2017, 1 known to be the person described herein and who executed to me that he executed the same for the uses and purposes to	perfore me personally appeared Michael Guerin to me. I the foregoing instrument, and he duly acknowledged therein set forth.
[SEAL]	

Notary Public

Title: PROGRAMMABLE POWER SUPPLIES FOR CELLULAR BASE STATIONS AND RELATED METHODS OF

Assignment

REDUCING POWER LOSS IN CELLULAR SYSTEMS

PATENT REEL: 042144 FRAME: 0316

ASSIGNMENT

WHEREAS, we, John Chamberlain residing at 431 4th AVE NW, Hickory, NC 28601, US; Michael Guerin residing at 3606 Charlemagne Ln., St. Charles, IL 60174, US;, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled PROGRAMMABLE POWER SUPPLIES FOR CELLULAR BASE STATIONS AND RELATED METHODS OF REDUCING POWER LOSS IN CELLULAR SYSTEMS (the "Application").

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 the inventions, improvements and the Application 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 consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, 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 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 identified above, we do agree that me and my 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to me relating to the 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 the 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 the 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.

PATENT REEL: 042144 FRAME: 0317

REDUCING POWER LOSS IN CELLULAR SYSTEMS ATTORNEY DOCKET: 100,1666US05 PAGE 2 OF 2 IN TESTIMONY WHEREOF, I have hereunto set my hand this ____day of _____, 2017. John Chamberlain COUNTY of _____, 2017, before me personally appeared John Chamberlain to On this ____ day of ____ me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth. [SEAL] Notary Public IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{24}{}$ day of 2017. Michael Guerin On this 24 day of _______, 2017, before me personally appeared Michael Guerin to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set, forth. [SEAL]

Title: PROGRAMMABLE POWER SUPPLIES FOR CELLULAR BASE STATIONS AND RELATED METHODS OF

OFFICIAL SEAL
KAREN FERGUSON
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/06/20

PATENT REEL: 042144 FRAME: 0318

RECORDED: 04/26/2017

Assignment