505454208 04/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5501010

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL GREGORY GERMAN	12/09/2018
RYAN E. ENGE	11/16/2018
ANDREW P. ROBERTS	12/12/2018
MATIAS PELUFFO	12/11/2018
MASOOD SHARIFF	12/07/2018
ERNEST C. PICKENS	11/15/2018

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:	16293536

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 **FOGG & POWERS LLC Correspondent Name:** 4600 W 77TH STREET Address Line 1:

Address Line 2: SUITE 305

Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	3633/100.1774US01
NAME OF SUBMITTER:	DENISE A. SCHULLO
SIGNATURE:	/ Denise A. Schullo /
DATE SIGNED:	04/30/2019

tal Attachments: 12
urce=00808983#page1.tif
urce=00808983#page2.tif
urce=00808983#page3.tif
urce=00808983#page4.tif
urce=00808983#page5.tif
urce=00808983#page6.tif
urce=00808983#page7.tif
urce=00808983#page8.tif
urce=00808983#page9.tif
urce=00808983#page10.tif
urce=00808983#page11.tif
urce=00808983#page12.tif

WHEREAS, we, Michael Gregory German, residing at Secaucus, NJ; Ryan E. Enge, residing at Carrollton, TX; Andrew P. Roberts, residing at Wrexham, ; Matias Peluffo, residing at Singapore, ; Masood Shariff, residing at Tinton Falls, NJ; Ernest C Pickens, residing at Fairview, TX; , residing at , ; , residing at , ; made certain new and useful inventions and improvements for which a provisional patent application was filed on March 6, 2018 and assigned U.S. Serial No. 62/639,371, entitled AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING (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, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application;

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 patent applications claiming benefit of the Application, all Letters Patent which may be granted from patent applications claiming benefit of the Application, 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 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to us 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.

Assignment Title: AUTOMATED CAPTURE OF INFORMATI	ON ABOUT FIXED CABLING
ATTORNEY DOCKET: 3633/100.1774USPR PAGE 2 OF 2 / 2 / 9/20/8	Milel a lear
Date / /	Michael Gregory German
Date	Ryan E. Enge
Date	Andrew P. Roberts
Date	Matias Peluffo
Date	Masood Shariff
Date	Ernest C Pickens

WHEREAS, we, Michael Gregory German, residing at Secaucus, NJ; Ryan E. Enge, residing at Carrollton, TX; Andrew P. Roberts, residing at Wrexham, ; Matias Peluffo, residing at Singapore, ; Masood Shariff, residing at Tinton Falls, NJ; Ernest C Pickens, residing at Fairview, TX; , residing at , ; , residing at , ; made certain new and useful inventions and improvements for which a provisional patent application was filed on March 6, 2018 and assigned U.S. Serial No. 62/639,371, entitled AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING (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, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application;

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 patent applications claiming benefit of the Application, all Letters Patent which may be granted from patent applications claiming benefit of the Application, 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 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to us 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.

PAGE 2 OF 2	
Date	Michael Gregory German
11//6/2018 Date	Ryan E. Enge
Date	Andrew P. Roberts
Date	Matias Peluffo
Date	Masood Shariff

Ernest C Pickens

Title: AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING

Assignment

Date

ATTORNEY DOCKET: 3633/100.1774USPR

WHEREAS, we, Michael Gregory German, residing at Secaucus, NJ; Ryan E. Enge, residing at Carrollton, TX; Andrew P. Roberts, residing at Wrexham, ; Matias Peluffo, residing at Singapore, ; Masood Shariff, residing at Tinton Falls, NJ; Ernest C Pickens, residing at Fairview, TX; , residing at , ; , residing at , ; , made certain new and useful inventions and improvements for which a provisional patent application was filed on March 6, 2018 and assigned U.S. Serial No. 62/639,371, entitled AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING (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, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application;

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 patent applications claiming benefit of the Application, 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 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to us 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.

Assignment Title: AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING ATTORNEY DOCKET: 3633/100.1774USPR PAGE 2 OF 2	
Date	Michael Gregory German
Date	Ryan E. Enge
18/12/12 Date	Andrew P. Roberts
Date	Matias Peluffo
Date	Masood Shariff
 Date	Ernest C Pickens

WHEREAS, we, Michael Gregory German, residing at Secaucus, NJ; Ryan E. Enge, residing at Carrollton, TX; Andrew P. Roberts, residing at Wrexham, ; Matias Peluffo, residing at Singapore, ; Masood Shariff, residing at Tinton Falls, NJ; Ernest C Pickens, residing at Fairview, TX; , residing at , ; , residing at , ; made certain new and useful inventions and improvements for which a provisional patent application was filed on March 6, 2018 and assigned U.S. Serial No. 62/639,371, entitled AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING (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, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application;

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 patent applications claiming benefit of the Application, 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 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to us 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.

Title: AUTOMATED CAPTURE OF 1 ATTORNEY DOCKET: 3633/100.1774US PAGE 2 OF 2	INFORMATION ABOUT FIXED CABLING SPR
Date	Michael Gregory German
Date	Ryan E. Enge
Date	Andrew P. Roberts
/2/1: / 18 Date	Matias Petulio
Date	Masood Shariff

Ernest C Pickens

Assignment

Date

WHEREAS, we, Michael Gregory German, residing at Secaucus, NJ; Ryan E. Enge, residing at Carrollton, TX; Andrew P. Roberts, residing at Wrexham, ; Matias Peluffo, residing at Singapore, ; Masood Shariff, residing at Tinton Falls, NJ; Ernest C Pickens, residing at Fairview, TX; , residing at , ; , residing at , ; made certain new and useful inventions and improvements for which a provisional patent application was filed on March 6, 2018 and assigned U.S. Serial No. 62/639,371, entitled AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING (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, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application;

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 patent applications claiming benefit of the Application, all Letters Patent which may be granted from patent applications claiming benefit of the Application, 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 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to us 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.

Date	Michael Gregory German
Date	Ryan E. Enge
Date	Andrew P. Roberts
Date	Matias Peluffo
<u> 12/7/2018</u>	Hasood Shariii

Date

Ernest C Pickens

WHEREAS, we, Michael Gregory German, residing at Secaucus, NJ; Ryan E. Enge, residing at Carrollton, TX; Andrew P. Roberts, residing at Wrexham, ; Matias Peluffo, residing at Singapore, ; Masood Shariff, residing at Tinton Falls, NJ; Ernest C Pickens, residing at Fairview, TX; , residing at , ; , residing at , ; made certain new and useful inventions and improvements for which a provisional patent application was filed on March 6, 2018 and assigned U.S. Serial No. 62/639,371, entitled AUTOMATED CAPTURE OF INFORMATION ABOUT FIXED CABLING (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, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application;

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 patent applications claiming benefit of the Application, all Letters Patent which may be granted from patent applications claiming benefit of the Application, 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 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 documents, and will communicate to the Assignee, its successors and representatives all facts known to us 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.

Title: AUTOMATED CAPTURE OF ATTORNEY DOCKET: 3633/100.1774UPAGE 2 OF 2	F INFORMATION ABOUT FIXED CABLING USPR
Date	Michael Gregory German
Date	Ryan E. Enge
Date	Andrew P. Roberts
Date	Matias Peluffo

Masood Shariff

Ernest C Pickens

PATENT REEL: 049041 FRAME: 0145

RECORDED: 04/30/2019

Date

Date

11/15/2018