PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARIFUL HANNAN	08/12/2019
RAINA RAHMAN	08/12/2019
NAVIN SRINIVASAN	08/12/2019

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:	16538506

CORRESPONDENCE DATA

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Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	3874/100.1809US01	
NAME OF SUBMITTER:	JUDY FAN	
SIGNATURE:	/Judy Fan/	
DATE SIGNED:	08/12/2019	

Total Attachments: 2

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PATENT REEL: 050031 FRAME: 0357 505617946

ASSIGNMENT

WHEREAS, we, Ariful Hannan, residing at Sterling, VA; Raina Rahman, residing at Herndon, VA; and Navin Srinivasan, residing at Fairfax, VA; made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled METHOD AND SYSTEM FOR DETERMINING MOVE LISTS FOR SHARED ACCESS SYSTEMS INCLUDING A TIME DOMAIN DUPLEXING SYSTEM (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 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: 050031 FRAME: 0358

IN TESTIMONY WHEREOF, I have here	eunto set my hand this <u>D</u> day of <u>August</u> ,
IN TESTIMONY WHEREOF, I have here 20 19 .	eunto set my hand this 12 day of Augus , Raina Rahman
IN TESTIMONY WHEREOF, I have her 20 19 .	eunto set my hand this 12 day of August Navin Srinivasan

Title: METHOD AND SYSTEM FOR DETERMINING MOVE LISTS FOR SHARED ACCESS SYSTEMS

PATENT REEL: 050031 FRAME: 0359

RECORDED: 08/12/2019

Assignment

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INCLUDING A TIME DOMAIN DUPLEXING SYSTEM

ATTORNEY DOCKET: 3874/100.1809US01