

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5235592

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN L. ZIMMERMAN	04/07/2016
JONATHON C. VEIHL	10/21/2016
ZHONGHAO HU	05/03/2017
HIMATH PRIYANANDA	10/27/2016
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:	16301369
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	919 854 1400
Email:	sfreedman@myersbigel.com
Correspondent Name:	MYERS BIGEL, P.A.
Address Line 1:	P.O. BOX 37428
Address Line 4:	RALEIGH, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	9833-82
NAME OF SUBMITTER:	SUSAN E. FREEDMAN
SIGNATURE:	/Susan E. Freedman/
DATE SIGNED:	11/13/2018
Total Attachments: 6	
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ASSIGNMENT

THIS ASSIGNMENT, made by us **Martin Lee Zimmerman**, a citizen of the United States of America, residing in Chicago, Illinois; and **Jonathon C. Veihl**, a citizen of the United States of America, residing in New Lenox, Illinois; **Zhonghao Hu**, a citizen of China, residing in Bella Vista, Australia; and **Himath Priyananda**, a dual citizen of Australia and Sri Lanka, residing in Sydney, Australia;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **PHASED ARRAY ANTENNAS HAVING MULTI-LEVEL PHASE SHIFTERS** for which U.S. Provisional Patent Application No. **62/400,433** was filed on **September 23, 2016** in the United States Patent and Trademark Office; and

WHEREAS, **CommScope Technologies LLC**, a North Carolina corporation having a principal place of business at 1100 CommScope Place, SE, Hickory, North Carolina, 28602, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention(s) as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To 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 and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention(s) and application, and in and to any and all utility, continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention(s) and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to me relating to said invention(s), to testify in any interference or legal proceedings involving said invention(s), to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention(s) in all countries and to vest in the assignee complete title to the said invention(s) and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 7 day of April, 2016.

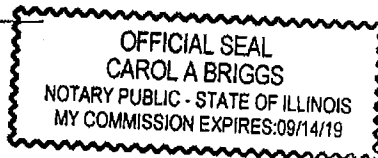
Martin E. Zimmerman (SEAL)
Martin E. Zimmerman

STATE OF ILL)
) ss:
COUNTY OF WILL)

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 7 day of APRIL, 2016.

Carol A Briggs
Notary Public

SEAL
My Commission Expires: 9/14/19



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21 day of October, 2016.

Jonathon C. Veihl (SEAL)
Jonathon C. Veihl

STATE OF ILL)
) ss:
COUNTY OF WILL)

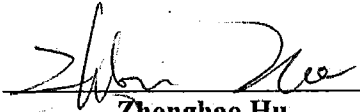
Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 21 day of OCTOBER, 2016.

Carol A Briggs
Notary Public

SEAL
My Commission Expires: 9/14/19

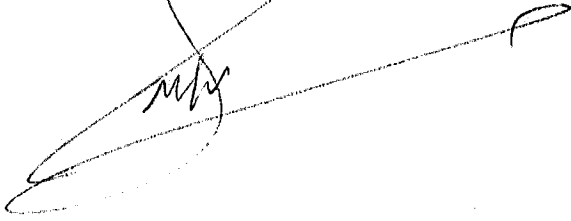


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 03 day of May, 2017.



Zhonghao Hu (SEAL)

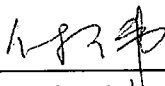
Witnessed by: Mohammad Vatanikhan Varnoosfaderani



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 27 day of
October, 2016.



Himath Priyananda (SEAL)

Witnessed by: 

WEI FU

WHEREBY **CommScope Technologies LLC** acknowledges and accepts the assignment;
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 24th day of
October, 2016. The undersigned warrants and represents that she has the authority to sign
this Assignment on behalf of the Assignee, **CommScope Technologies LLC**.

By: *Laura J. Thomas* (SEAL)

Printed Name: Laura J. Thomas

Title: Assistant Secretary

STATE OF NORTH CAROLINA)

COUNTY OF CATAWBA)

Before me personally appeared the person described in and who executed the foregoing
instrument, and she acknowledged to me that she executed the same for the purposes therein stated,
this 24th day of October, 2016.

Carmen P. Brown
Notary Public

SEAL

My Commission Expires: 6-11-2021

