

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGE VELLA-COLEIRO	06/23/2017
XIAOHUA HOU	06/22/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMMSCOPE TECHNOLOGIES LLC
<b>Street Address:</b>	1100 COMMSCOPE PLACE, SE
<b>City:</b>	HICKORY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28602
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15491069
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)854-1401
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<b>Phone:</b>	9198541400
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<b>Correspondent Name:</b>	MICHELE P. MCMAHAN
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<b>ATTORNEY DOCKET NUMBER:</b>	9833-1016
<b>NAME OF SUBMITTER:</b>	MICHELE P. MCMAHAN
<b>SIGNATURE:</b>	/mpm/
<b>DATE SIGNED:</b>	06/26/2017
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

THIS ASSIGNMENT, made by us **George Vella-Coleiro**, residing in Summit, New Jersey 07901; and **XiaoHua Hou**, residing in Richardson, Texas 75082;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **TESTING METHODS USING OF PASSIVE INTERMODULATION DISTORTION TESTING USING SPREAD-SPECTRUM EXCITATION SIGNALS AND RELATED TEST APPARATUS** for which an application for United States Letters Patent was filed on **April 19, 2017** as U.S. Application No. **15/491,069**; 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 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 23 day of JUNE, 2017.

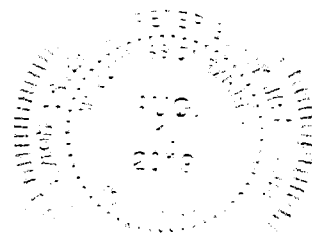
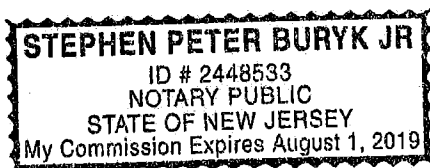
George Vella-Coleiro (SEAL)  
George Vella-Coleiro

STATE OF New Jersey )  
COUNTY OF UNION ) ss:

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 23 day of JUNE, 2017.

[Signature]  
Notary Public

SEAL  
My Commission Expires: 8/1/19



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22 day of  
June, 2017.

Xiaohua (SEAL)  
Xiaohua Hou

STATE OF Texas )  
COUNTY OF Dallas ) ss:

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 22 day of June, 2017.

Martha A. Castillo  
Notary Public

SEAL  
My Commission Expires: 9/10/2018

