

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2709913

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JEFFREY D. NIELSON</td> <td>01/29/2014</td> </tr> <tr> <td>PAUL F. KOLESAR</td> <td>02/03/2014</td> </tr> <tr> <td>GARY F. GIBBS</td> <td>01/31/2014</td> </tr> <tr> <td>BRADLEY BILLMAN</td> <td>01/30/2014</td> </tr> <tr> <td>RICHARD L. CASE</td> <td>01/30/2014</td> </tr> </tbody> </table>		Name	Execution Date	JEFFREY D. NIELSON	01/29/2014	PAUL F. KOLESAR	02/03/2014	GARY F. GIBBS	01/31/2014	BRADLEY BILLMAN	01/30/2014	RICHARD L. CASE	01/30/2014
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RICHARD L. CASE	01/30/2014												
RECEIVING PARTY DATA													
Name:	COMMSCOPE, INC. OF NORTH CAROLINA												
Street Address:	1100 COMMSCOPE PLACE, SE												
City:	HICKORY												
State/Country:	NORTH CAROLINA												
Postal Code:	28602												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14170781</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14170781								
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Application Number:	14170781												
CORRESPONDENCE DATA													
Fax Number:													
Phone:	7036217140												
Email:	mailroom@mg-ip.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	SCOTTY L. LOWE												
Address Line 1:	4000 LEGATO ROAD, SUITE 310												
Address Line 4:	FAIRFAX, VIRGINIA 22033												
ATTORNEY DOCKET NUMBER:	4799/0449PUS2												
NAME OF SUBMITTER:	SCOTTY L. LOWE												

Signature:	/Scott L. Lowe 41458/
Date:	02/03/2014
Total Attachments: 6 source=Ready-to-file-assignment#page1.tif source=Ready-to-file-assignment#page2.tif source=Ready-to-file-assignment#page3.tif source=Ready-to-file-assignment#page4.tif source=Ready-to-file-assignment#page5.tif source=Ready-to-file-assignment#page6.tif	

UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Application No.: 14/170,781

Filed: 03 FEB 2014

**Insert Name(s)  
of Inventor(s)**

\*\*\***(Given Name FAMILY NAME (ALL CAPS))**\*\*\*

WHEREAS, Jeffrey D. NIELSON, Paul F. KOLESAR, Gary F. GIBBS,  
Bradley BILLMAN and Richard L. CASE  
\_\_\_\_\_  
\_\_\_\_\_

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title  
of Invention**

TRANSITIONING MULTI-CORE FIBER TO PLURAL SINGLE CORE FIBERS  
for which an application for Letters Patent of the United States of America has been executed by the undersigned  
(except in the case of a provisional application).

**Insert Date  
of Signing of  
Application**

on Jan. 29, 30 and 31, 2014 and Feb. 3, 2014 ; and

**Insert Name  
of Assignee**

WHEREAS, CommScope, Inc. of North Carolina

**Insert Address  
of Assignee**

of 1100 CommScope Place, SE, Hickory, NC 28602

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of  
acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that  
may be granted therefor in the United States of America and

**CHECK BOX  
IF APPROPRIATE**

in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid,  
the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned  
has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said  
Assignee the full and exclusive right to the said invention in the United States of America, its territories,  
dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)  
which may be granted therefor in the United States of America, its territories, dependencies and  
possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or  
terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 1/29/2014

Name of Inventor *Jeffrey D. Nielson*  
(signature) Jeffrey D. NIELSON

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Paul F. KOLESAR

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Gary F. GIBBS

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Bradley BILLMAN

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Richard L. CASE

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Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Jeffrey D. NIELSON

Date 3 Feb 2014

Name of Inventor   
(signature) Paul F. KOLESAR

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Gary F. GIBBS

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature) Bradley BILLMAN

Date \_\_\_\_\_

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(signature) Richard L. CASE

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(signature) Jeffrey D. NIELSON

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_  
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Date 1/31/2014, Name of Inventor \_\_\_\_\_  
(signature) Gary F. GIBBS

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(signature) Richard L. CASE