

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHENSHENG JIA	05/13/2019
LUIS ALBERTO CAMPOS	05/13/2019
CURTIS DEAN KNITTLE	05/13/2019
JING WANG	05/13/2019
RECEIVING PARTY DATA	
Name:	CABLE TELEVISION LABORATORIES, INC
Street Address:	858 COAL CREEK CIRCLE
City:	LOUISVILLE
State/Country:	COLORADO
Postal Code:	80027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16408285
CORRESPONDENCE DATA	
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Correspondent Name:	ARMSTRONG TEASDALE LLP (CABLE TELEVISION
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Address Line 2:	SUITE 1800
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ATTORNEY DOCKET NUMBER:	60959CONT1CIP1
NAME OF SUBMITTER:	JOSH C. SNIDER
SIGNATURE:	/Josh C. Snider/
DATE SIGNED:	10/31/2019
Total Attachments: 3	
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source=60959CONT1CIP1 (35930-168) Assignment 31OCT2019-34321780#page2.tif	

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Zhensheng Jia, a citizen of **CHINA**, having a residence in **Superior, CO**

Luis Alberto Campos, a citizen of the **UNITED STATES**, having a residence in **Superior, CO**

Curtis Dean Knittle, a citizen of the **UNITED STATES**, having a residence in **Superior, CO**

Jing Wang, a citizen of **CHINA**, having a residence in **Broomfield, CO**

(hereinafter “**ASSIGNORS**”), have made a contribution to an invention entitled “**FIBER COMMUNICATION SYSTEMS AND METHODS**” as set forth and described in U.S. Application No. **16/408,285** filed **May 9, 2019**, which is a continuation in part of U.S. Application Ser. No. **15/861,303**, filed on **January 3, 2018**, which prior application is a continuation of U.S. Application Ser. No. **15/283,632**, filed on **October 3, 2016**, now U.S. Patent No. **9,912,409**, issued **March 6, 2018**. U.S. Application Ser. No. **15/283,632** claims the benefit of and priority to U.S. Provisional Patent Application Ser. No. **62/321,211**, filed **April 12, 2016**. U.S. Application No. **16/408,285** filed **May 9, 2019**, also claims the benefit of and priority to U.S. Provisional Patent Application Ser. No. **62/669,035**, filed **May 9, 2018**, to U.S. Provisional Patent Application Ser. No. **62/671,270**, filed **May 14, 2018**, and to U.S. Provisional Patent Application Ser. No. **62/678,110**, filed **May 30, 2018**, and

WHEREAS, **CABLE TELEVISION LABORATORIES, INC** (hereinafter “**ASSIGNEE**”), having its principal place of business at **858 COAL CREEK CIRCLE, LOUISVILLE, CO 80027**, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the said **ASSIGNORS**, for and in consideration of valuable considerations unto us moving from said **ASSIGNEE**, at or before the ensembling and delivery of these presents, the receipt and sufficiency of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention entitled “**FIBER COMMUNICATION SYSTEMS AND METHODS**” and any and all improvements thereto, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing, **TO HAVE AND TO HOLD THE SAME** to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said **ASSIGNORS**, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said **ASSIGNEE**, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns;

AND WE, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said **ASSIGNEE**, its successors and assigns, may be required or necessary more effectively to secure to and vest in said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

AND WE, the said **ASSIGNORS**, hereby authorize and request the attorneys of **ARMSTRONG TEASDALE LLP** to insert in the spaces provided above, the title of the invention, filing date, application number, and attorney's docket number of said application when known.

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on

May 13, 2019 | 9:44 AM MDT _____

DocuSigned by:

E145A1EAE380419...
Zhensheng Jia

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on

May 13, 2019 | 9:04 AM PDT _____

DocuSigned by:

E122533E5D96495...
Luis Alberto Campos

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on

May 13, 2019 | 8:57 AM PDT _____

DocuSigned by:

108074C0A90F40D...
Curtis Dean Knittle

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on

May 13, 2019 | 8:43 AM PDT

DocuSigned by:
Jing Wang
607E7AD42CC24CD...

Jing Wang