

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6890654

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MU XU	09/20/2019
LUIS ALBERTO CAMPOS	09/23/2019
HAIPENG ZHANG	09/20/2019
JUNWEN ZHANG	09/20/2019
ZHENSHENG JIA	09/20/2019
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:	17460905
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:	314-621-5070
Email:	uspatents@armstrongteasdale.com
Correspondent Name:	ARMSTRONG TEASDALE LLP (CABLE TELEVISION
Address Line 1:	7700 FORSYTH BLVD.
Address Line 2:	SUITE 1800
Address Line 4:	ST. LOUIS, UNITED STATES 63105
ATTORNEY DOCKET NUMBER:	61354CON1
NAME OF SUBMITTER:	JOSH C. SNIDER
SIGNATURE:	/Josh Snider/
DATE SIGNED:	08/30/2021
Total Attachments: 3	

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PATENT

REEL: 057328 FRAME: 0171

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Mu Xu, a citizen of **CHINA**, having a residence in **Broomfield, CO**

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

Haipeng Zhang, a citizen of **CHINA**, having a residence in **Broomfield, CO**

Junwen Zhang, a citizen of **CHINA**, having a residence in **Broomfield, CO**

Zhensheng Jia, a citizen of the **UNITED STATES**, having a residence in **Superior, CO**

(hereinafter “**ASSIGNORS**”), have made a contribution to an invention entitled “**SYSTEMS AND METHODS FOR SKEW DETECTION AND PRE-COMPENSATION IN A COHERENT OPTICAL SYSTEM**” as set forth and described in U.S. Application No. **16/573,872**, filed **September 17, 2019**, which claims benefit and priority to United States Provisional Application No. **62/732,126**, filed **September 17, 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 ensealing 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 “**SYSTEMS AND METHODS FOR SKEW DETECTION AND PRE-COMPENSATION IN A COHERENT OPTICAL SYSTEM**” 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

September 20, 2019 | 1:22 PM MDT

DocuSigned by:

Mu Xu

2AFAC71B4479461...

Mu Xu

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

September 23, 2019 | 8:53 AM PDT

DocuSigned by:

Luis Alberto Campos

F122533F5D96495...

Luis Alberto Campos

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

September 20, 2019 | 1:19 PM MDT

DocuSigned by:

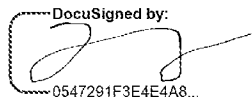
Haipeng Zhang

11DD477DFAE54EB...

Haipeng Zhang

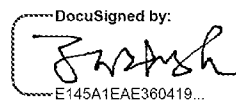
CL Docket No: 61354NP

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on
September 20, 2019 | 10:14 PM MDT

DocuSigned by:

0547291F3E4E4A8...

Junwen Zhang

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on
September 20, 2019 | 12:47 PM MDT

DocuSigned by:

E145A1EAE360419...

Zhensheng Jia