507620384 11/29/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUIS ALBERTO CAMPOS	04/27/2020
ZHENSHENG JIA	04/27/2020
JING WANG	04/27/2020

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:	17883290

CORRESPONDENCE DATA

Fax Number: (303)661-9199

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.

Phone: 3036619100

Email: p.calderwood@cablelabs.com

CABLE TELEVISION LABORATORIES, INC. **Correspondent Name:**

Address Line 1: 858 COAL CREEK CIRCLE

Address Line 4: LOUISVILLE, COLORADO 80027

ATTORNEY DOCKET NUMBER:	61142PCTUSCON1	
NAME OF SUBMITTER:	PAMELA CALDERWOOD	
SIGNATURE:	/Pamela Calderwood/	
DATE SIGNED:	11/29/2022	

Total Attachments: 2

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> **PATENT REEL: 061912 FRAME: 0893** 507620384

CL Docket No: 61142NSNP

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

LUIS ALBERTO CAMPOS, a citizen of the UNITED STATES, having a residence in Superior, CO;

ZHENSHENG JIA, 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 "SYSTEM AND METHODS FOR COHERENT OPTICS BASED DAISY-CHAINING," as set forth and described in PCT Application No. PCT/US2018/059207, filed November 5, 2018, and United States Provisional Application No, 62/581,200 filed November 3, 2017; 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 "SYSTEM AND METHODOLOGY FOR COHERENT OPTICS BASED DAISY-CHAINING" 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

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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

April 27, 2020 9:00 AM PDT	Docusigned by: Luis alberto Campos
	LUIS ALBERTO CAMPOS
IN WITNESS WHEREOF, I, the said	d ASSIGNOR, have executed this Assignment on
April 27, 2020 10:04 AM MDT	E145A1EAE360419
	ZHENSHENG JIA
IN WITNESS WHEREOF, I, the said	d ASSIGNOR , have executed this Assignment on
April 27, 2020 9:52 AM PDT	Docusigned by: Jing Wang
	JING WANG