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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE: ASSIGNMENT						
CONVEYING PARTY DA	TA					
		Name	Execution Date			
TAO WAN			03/05/2020			
MASSIMILIANO PALA			03/05/2020			
STEVE GOERINGER			03/09/2020			
DARSHAK THAKORE			03/04/2020			
RECEIVING PARTY DATA						
Name: CABLE TELEVISION LABORATORIES, INC						
Street Address:						
City:	LOUIS	LOUISVILLE				
State/Country:	COLOI	COLORADO				
Postal Code:	80027					
PROPERTY NUMBERS	Totalı (
Property Type		Number]			
Application Number:		16730741				
Application Number:		62785868				
CORRESPONDENCE DA	ΑΤΑ					
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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent						
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	ARMSTRONG TEASDALE LLP (CABLE TELEVISION					
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PATENT REEL: 053307 FRAME: 0164

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Tao Wan, a citizen of CANADA, having a residence in Ottawa, Ontario, Canada

Massimiliano Pala, a citizen of ITALY, having a residence in Superior, CO

Steven J. Goeringer, a citizen of the UNITED STATES, having a residence in Westminster, CO

Darshak Thakore, a citizen of INDIA, having a residence in Broomfield, CO

(hereinafter "ASSIGNORS"), have made a contribution to an invention entitled "SYSTEMS AND METHODS FOR SUBSCRIBER CERTIFICATE PROVISIONING" as set forth and described in U.S. Application No. <u>16/730,741</u>, filed <u>December 30, 2019</u>, and United States Provisional Application No. <u>62/785,868</u>, filed <u>December 28, 2018</u>, 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 SUBSCRIBER CERTIFICATE PROVISIONING**" 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;

PATENT REEL: 053307 FRAME: 0165 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 <u>**ARMSTRONG TEASDALE LLP**</u> 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

March 5, 2020 | 7:59 AM MST

DocuSigned by: Tao Wan 338CE1EEBA9C492

Tao Wan

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

March 5, 2020 | 1:29 PM PST

7	DocuSigned by:	
	Massimiliano	Pala
٢	C92E3FE65E01413	

Massimiliano Pala

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

March 9, 2020 | 6:06 AM PDT

----- Docusigned by: Steve Goeninger

Steven J. Goeringer

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

March 4, 2020 | 3:04 PM MST

Darshak Thakore