

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARIANNE T. HINDS	11/12/2018
DAVID K. BROBERG	11/17/2018
DARSHAK THAKORE	11/12/2018
RECEIVING PARTY DATA	
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State/Country:	COLORADO
Postal Code:	80027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16133575
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ATTORNEY DOCKET NUMBER:	60219CON2CIP1
NAME OF SUBMITTER:	JOSH C. SNIDER
SIGNATURE:	/Josh C. Snider/
DATE SIGNED:	12/05/2018
Total Attachments: 4	
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WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Arianne T. Hinds, a citizen of the **UNITED STATES**, having a residence in **Louisville, CO**

David K. Broberg, a citizen of the **UNITED STATES**, having a residence in **Coupeville, WA**

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

(hereinafter "**ASSIGNORS**"), have made an invention entitled "**SYSTEMS AND METHODS FOR NETWORK-BASED MEDIA PROCESSING**" as set forth and described in U.S. CIP Application No. 16/133,575 filed 09/17/2018, including U.S. Application No. 15/997,522, filed June 04, 2018, which first prior application is a continuation of U.S. Application No. 13/922,345, filed June 20, 2013, and issued June 5, 2018 as U.S. Patent No. 9,992,475, which second prior application is a continuation of U.S. Application No. 12/502,434, filed July 14, 2009, and issued July 23, 2013 as U.S. Patent 8,493,434. This application further claims the benefit of and priority to U.S. Provisional Patent Application Ser. No. 62/558,943, filed September 15, 2017, and to U.S. Provisional Patent Application Ser. No. 62/575,415, filed October 21, 2017.

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, 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, our entire right, title and interest in and to the said invention entitled "**SYSTEMS AND METHODS FOR NETWORK-BASED MEDIA PROCESSING**" 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, 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, 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, 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
November 12, 2018 | 3:06 PM MST

DocuSigned by:
Arianne T. Hinds
B59DEED0831C40F...
Arianne T. Hinds

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on
November 17, 2018 | 3:10 PM PST

DocuSigned by:

David K. Broberg

29E802846604409...

David K. Broberg

CL Docket No: 60219CON2CIP1

IN WITNESS WHEREOF, I, the said **ASSIGNOR**, have executed this Assignment on
November 12, 2018 | 5:30 PM MST

DocuSigned by:
Darshak Thakore
8254F29BAF6442C...
Darshak Thakore