

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David K. Broberg</td> <td>01/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	David K. Broberg	01/03/2012						
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David K. Broberg	01/03/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Cable Television Laboratories, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>858 Coal Creek Circle</td> </tr> <tr> <td>City:</td> <td>Louisville</td> </tr> <tr> <td>State/Country:</td> <td>COLORADO</td> </tr> <tr> <td>Postal Code:</td> <td>80027</td> </tr> </table>		Name:	Cable Television Laboratories, Inc.	Street Address:	858 Coal Creek Circle	City:	Louisville	State/Country:	COLORADO	Postal Code:	80027
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13344112</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13344112						
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Application Number:	13344112										
CORRESPONDENCE DATA											
Fax Number:	(248)358-3351										
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NAME OF SUBMITTER:	John R. Buser										
Total Attachments: 1 source=assignment#page1.tif											

CH \$40.00 13344112

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I, David K. Broberg of 4440 N. 109<sup>th</sup> St., Lafayette, CO 80026 do hereby assign, sell and set over to Cable Television Laboratories, Inc., a corporation organized and existing under the laws of the state of Delaware, and having a place of business at 858 Coal Creek Circle, Louisville, CO 80027, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**SIGNAL IDENTIFICATION FOR DOWNSTREAM PROCESSING**

for which an application for a United States Patent is to be filed or will have been filed on 01/05/2012, as Application Serial No. 13/344,112 (I hereby authorize insertion of the application filing date and serial number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

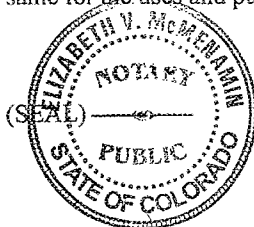
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

Date: January 3, 2012

David K. Broberg  
DAVID K. BROBERG

STATE OF Colorado )  
 ) ss.  
COUNTY OF Boulder )

On this 3rd day of January, 2012, personally appeared before me David K. Broberg, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.



Elizabeth V. McMenamin  
Notary Public  
My Commission expires: