

## PATENT ASSIGNMENT

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 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>Christopher Grundemann</td> <td>02/09/2012</td> </tr> <tr> <td>Karthik Sundaresan</td> <td>02/07/2012</td> </tr> <tr> <td>Vikas Sarawat</td> <td>02/07/2012</td> </tr> <tr> <td>Christopher J. Donley</td> <td>02/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christopher Grundemann	02/09/2012	Karthik Sundaresan	02/07/2012	Vikas Sarawat	02/07/2012	Christopher J. Donley	02/02/2012
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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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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13372892</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13372892						
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CORRESPONDENCE DATA											
Fax Number:	(248)358-3351										
Phone:	(248) 358-4400										
Email:	apage@brookskushman.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Brooks Kushman P.C.										
Address Line 1:	1000 Town Center										
Address Line 2:	Suite 2200										
Address Line 4:	Southfield, MICHIGAN 48075										
ATTORNEY DOCKET NUMBER:	CTL 60332 PUS / 60332										
NAME OF SUBMITTER:	John R. Buser										
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif											

CH \$40.00 13372892

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we, Christopher Grundemann, of 2 Rock Street, Castle Rock, CO 80104; Karthik Sundaresan, of 600 Manhattan Drive #C1, Boulder, CO 80303; Vikas Sarawat, of 5020 W. 126 Circle, Broomfield, CO 80020; and Christopher J. Donley, of 14027 Summer Bay Lane, Broomfield, CO 80023, respectively, 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

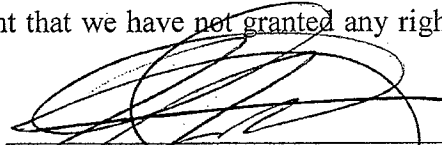
**SELECTIVE NETWORK TRANSMISSION**

for which an application for a United States Patent is to be filed or will have been filed on 02/14/2012, as Application Serial No. 13/372,892 (we 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 our names, at its or their election, and we 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 we hereby agree for ourselves, our 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 we hereby represent and warrant that we have ~~not granted~~ any rights inconsistent with the rights granted herein.

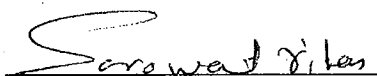
Date: Feb 09, 2012

  
CHRISTOPHER GRUNDEMANN

Date: Feb 07, 2012

  
KARTHIK SUNDARESAN

Date: Feb 07, 2012

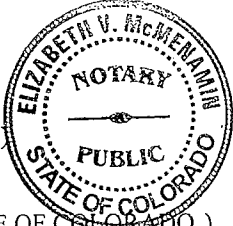
  
VIKAS SARAWAT

Date: February 2, 2012

  
CHRISTOPHER J. DONLEY

STATE OF COLORADO )  
 ) ss.  
COUNTY OF BOULDER )

On this 9th day of February, 2012, personally appeared before me Christopher Grundemann, 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.

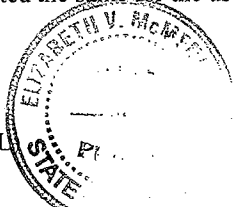


(SEAL)

Elizabeth V. McMnamin  
Elizabeth V. McMnamin, Notary Public  
My Commission expires: May 27, 2015

STATE OF COLORADO )  
 ) ss.  
COUNTY OF BOULDER )

On this 7th day of February, 2012, personally appeared before me Karthik Sundaresan, 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.

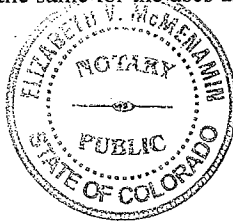


(SEAL)

Elizabeth V. McMnamin  
Elizabeth V. McMnamin, Notary Public  
My Commission expires: May 27, 2015

STATE OF COLORADO )  
 ) ss.  
COUNTY OF BOULDER )

On this 7th day of February, 2012, personally appeared before me Vikas Sarawat, 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.

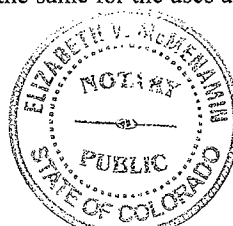


(SEAL)

Elizabeth V. McMnamin  
Elizabeth V. McMnamin, Notary Public  
My Commission expires: May 27, 2015

STATE OF COLORADO )  
 ) ss.  
COUNTY OF BOULDER )

On this 2nd day of February, 2012, personally appeared before me Christopher J. Donley, 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.



(SEAL)

Elizabeth V. McMnamin  
Elizabeth V. McMnamin, Notary Public  
My Commission expires: May 27, 2015