

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>Oscar Marcia</td><td>12/28/2009</td></tr><tr><td>Simon Krauss</td><td>12/28/2009</td></tr><tr><td>Stuart Hoggan</td><td>01/04/2010</td></tr></tbody></table>		Name	Execution Date	Oscar Marcia	12/28/2009	Simon Krauss	12/28/2009	Stuart Hoggan	01/04/2010		
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Simon Krauss	12/28/2009										
Stuart Hoggan	01/04/2010										
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>12650664</td></tr></tbody></table>		Property Type	Number	Application Number:	12650664						
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Application Number:	12650664										
CORRESPONDENCE DATA											
Fax Number: (248)358-3351 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	CTL 0138 PUS / 60232										
NAME OF SUBMITTER:	John R. Buser										
Total Attachments: 2 source=assignment#page1.tif											

CH \$40.00 12650664

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PATENT  
REEL: 023886 FRAME: 0031



## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Oscar Marcia, Stuart Hoggan, and Simon Krauss, of 2550 Outlook Trail, Broomfield, Colorado 80020, 2013 Prestwick Court, Longmont, Colorado 80504, and 915 Detroit Street, Denver, Colorado 80206, 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

### ZERO SIGN-ON AUTHENTICATION

for which an application for a United States Patent is to be filed or will have been filed on 12/31/2009, as Application Serial No. 12/650,664 (we hereby authorize our attorney to insert 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.

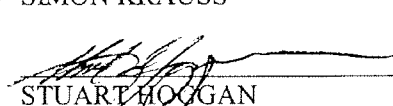
Date: Dec 28, 2009

  
OSCAR MARCIA

Date: Dec 28, 2009

  
SIMON KRAUSS

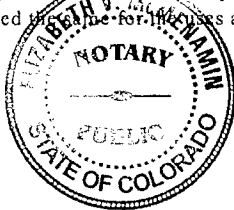
Date: Jan 4th, 2010

  
STUART HOGGAN

STATE OF Colorado )  
 ) ss.  
COUNTY OF Boulder )

On this 28<sup>th</sup> day of December, 2009, personally appeared before me Oscar Marcia, 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)

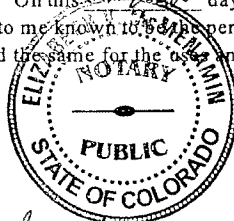


Elizabeth V. McMenamin  
Notary Public  
My Commission expires: May 27, 2011

STATE OF Colorado )  
 ) ss.  
COUNTY OF Boulder )

On this 28<sup>th</sup> day of December, 2009, personally appeared before me Simon Krauss, 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)

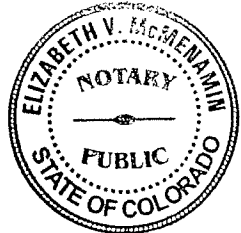


Elizabeth V. McMenamin  
Notary Public  
My Commission expires: May 27, 2011

STATE OF Colorado )  
 ) ss.  
COUNTY OF Boulder )

On this 4<sup>th</sup> day of January, <sup>2010</sup>~~2009~~, personally appeared before me Stuart Hoggan, 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. McMenamin  
Notary Public  
My Commission expires: May 27, 2011