

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILFRED JAIME MILES	05/23/2012
JAMES S MANCHESTER	04/25/2012
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10023
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14282243
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<b>ATTORNEY DOCKET NUMBER:</b>	TWC11-09(11-69C1)CON
<b>NAME OF SUBMITTER:</b>	PAUL P. KRIZ
<b>SIGNATURE:</b>	/Paul P. Kriz/
<b>DATE SIGNED:</b>	06/27/2014
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

**WHEREAS**, we, Wilfred Jaime Miles and James S. Manchester, have invented a certain improvement in **VARIABILITY IN AVAILABLE LEVELS OF QUALITY OF ENCODED CONTENT** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on April 6, 2012 as U.S. Application No. 13/441,355;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS**, Time Warner Cable Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Delaware and having a usual place of business at 60 Columbus Circle, New York, NY 10023, desires to acquire an interest therein in accordance with agreements duly entered into with US;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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**AND**, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

**AND**, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

**IN TESTIMONY WHEREOF**, we have hereunto set our hands and the date set forth below.

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Date: 5-23-12

Wilfred Jaime Miles  
Inventor's Signature

Print full name of first inventor: Wilfred Jaime Miles  
Residence: 8631 Gladiola Circle  
Arvada, CO 80005  
Citizenship: United States  
Mailing Address: Same as above

STATE/Commonwealth of Colorado  
COUNTY OF Broomfield

On this 23rd day of May, 2012, then personally appeared before me the above-named Wilfred Jaime Miles known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Laura B Pals  
Notary Public

Print Name:

Laura B Pals

My Commission expires 10 / 21 / 2012



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Date:

4-25-12

  
Inventor's Signature

Print full name of second inventor:

James S. Manchester

Residence:

61 West 62<sup>nd</sup> Street, Apt. 5J  
New York, NY 10023

Citizenship:

United States

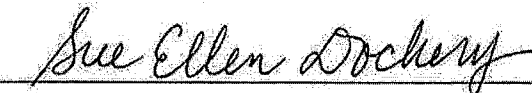
Mailing Address:

Same as above

STATE/COMMONWEALTH OF  
COUNTY OF

New York  
New York

On this 25<sup>th</sup> day of April, 2012, then personally appeared before me the above-named James S. Manchester known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Notary Public

Print Name:

Sue Ellen Dockery

My Commission expires 10/3/2013

SUE ELLEN DOCKERY  
Notary Public, State of New York  
No. 01DO6134442  
Qualified in Kings County  
Certificate Filed in New York County  
Commission Expires October 3, 2013