

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Thomas H. Williams | 06/26/2013 |
| RECEIVING PARTY DATA | |
| Name: | Cable Television Laboratories, Inc. |
| Street Address: | 858 Coal Creek Circle |
| City: | Louisville |
| State/Country: | COLORADO |
| Postal Code: | 80027 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13931841 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | j.buser@greatlakesiplaw.com |
| Correspondent Name: | Great Lakes Intellectual Property, PLLC |
| Address Line 1: | 44750 Yorkshire |
| Address Line 4: | Novi, MICHIGAN 48375 |
| ATTORNEY DOCKET NUMBER: | CTL 60413 PUSP |
| NAME OF SUBMITTER: | John R. Buser |
| Signature: | /John R. Buser/ |
| Date: | 06/29/2013 |
| Total Attachments: 1 source=declaration#page1.tif | |

OP \$40.00 13931841

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention | SIGNAL NOISE ESTIMATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☑ The attached application, or
☐ United States application or PCT international application number
_____ filed on _____. (I hereby authorize the insertion of the application filing date and number when they become known.)

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to Cable Television Laboratories, Inc., a corporation organized and existing under the laws of the state or country 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, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application 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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

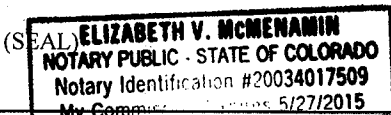
LEGAL NAME OF INVENTOR

Inventor: Thomas H Williams | Date: June 26, 2013

Signature: Thomas H Williams

STATE OF COLORADO)
) ss.
COUNTY OF BOULDER)

On this 26th day of June, 2013, personally appeared before me Thomas H Williams, to me known to be the person named in and who executed the above instrument, and acknowledges that he/she executed the same for the uses and purposes therein mentioned.



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