503179529 02/13/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3226144

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CABLE TELEVISION LABORATORIES, INC	02/12/2015

RECEIVING PARTY DATA

Name:	CABLE TELEVISION LABORATORIES		
Street Address:	858 COAL CREEK CIRCLE		
City:	LOUISVILLE		
State/Country:	COLORADO		
Postal Code:	80027		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14621842

CORRESPONDENCE DATA

Fax Number: (303)786-7691

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 303-786-7687

Email: docketing@dbflaw.com

Correspondent Name: DUFT BORNSEN & FETTIG, LLP
Address Line 1: 1526 SPRUCE STREET, SUITE 302
Address Line 4: BOULDER, COLORADO 80302

NAME OF SUBMITTER:	GREGORY T. FETTIG
SIGNATURE:	/Gregory T. Fettig/
DATE SIGNED:	02/13/2015

Total Attachments: 1

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PATENT 503179529 REEL: 034959 FRAME: 0121

ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, Thomas H. Williams hereby sell, assign and transfer to Cable Television Laboratories, Inc., a non-stock membership corporation of the State of Delaware, having an office at 858 Coal Creek Circle, Louisville, CO 80027, United States of America, and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States and all foreign countries, in and to any and all inventions and improvements ("Inventions") as described and/or claimed in an Letters Patent of the United States of America entitled ENERGY MONITORING IN A COMMUNCIATION LINK and assigned attorney docket number 60657, and in and to the application and all divisional, continuing, substitute, renewal, reissue, reexamination and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues, reexaminations and extensions thereof.

I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

I/We authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

I/We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

IN WITNESS WHEREOF, I/we have hereunto signed my/our name(s) on the day and year set forth below.

Thomas Hull	lin-	2-12-26	7/5	
Inventor's Signature		DATE		
Thomas H. Williams				
Inventor's Printed Name				
STATE OF COLORADO)			
)ss.			
COUNTY OF BOULDER)			
On this 42 day of 60 and who executed the above instru	2015, person ument, and acknowl	ally appeared before me, Thon ledged that he executed the sam	nas H. Williams, to me known to the for the uses and purposes there	be the person named in in mentioned.
		Ellashik (.)	noperamin	

ELIZABETH V. MCMENAMIN NOTARY PUBLIC - STATE OF COLORADO Notary Identification #20034017509 My Commission Expires 5/27/2015

Elizabeth V. McMenamin, Notary Public My commission expires: May 27, 2015

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