

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7085656

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROGER STAFFORD	03/09/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHARTER COMMUNICATIONS OPERATING, LLC
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<b>City:</b>	ST. LOUIS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17195566
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<b>ATTORNEY DOCKET NUMBER:</b>	1033-141
<b>NAME OF SUBMITTER:</b>	NATHANIEL T. WALLACE
<b>SIGNATURE:</b>	/Nathaniel T. Wallace/
<b>DATE SIGNED:</b>	12/21/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
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source=CHTR-2020-119_1033-141_DecAssign#page2.tif	

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**TITLE OF INVENTION: LEAKAGE DETECTION ON HYBRID FIBER-COAXIAL  
(HFC) ACCESS NETWORKS**

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 \_\_\_\_\_.

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 have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

For value received, each undersigned inventor, hereby sells, assigns and transfers to Charter Communications Operating, LLC, a Delaware limited liability company, having a principal place of business at 12405 Powerscourt Drive, St. Louis, MO, 63131, ASSIGNEE, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions disclosed in the above-identified patent application, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and each undersigned inventor also concurrently hereby sells, assigns and transfers to ASSIGNEE the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

Each undersigned inventor authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from each undersigned inventor, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

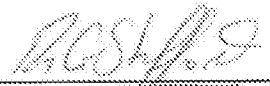
Each undersigned inventor hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

Each undersigned inventor requests that any and all patents for said inventions be issued to ASSIGNEE in the United States and in all countries foreign to the United States, or to such nominees as ASSIGNEE may designate.

Each undersigned inventor agrees that, when requested, he or she shall, without charge to ASSIGNEE but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


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.

(1) Legal Name of Inventor: **Roger Stafford**

Signature: 

Date: March 9<sup>th</sup>, 2021

Witnessed by:

  
Signature

\_\_\_\_\_  
Signature

Robert C. Parks  
Typed or Printed Name

\_\_\_\_\_  
Typed or Printed Name