

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7233346

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUKE SMYTH	03/18/2022
DEREK GILMORE	03/16/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS ENTERPRISES LLC
<b>Street Address:</b>	3871 LAKEFIELD DRIVE
<b>City:</b>	SUWANEE
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16795235
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)228-4373
<i>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.</i>	
<b>Phone:</b>	5032275631
<b>Email:</b>	kar.docket@chernofflaw.com
<b>Correspondent Name:</b>	WESLEY VAN DER VEEN
<b>Address Line 1:</b>	111 SW COLUMBIA ST
<b>Address Line 2:</b>	SUITE 725
<b>Address Line 4:</b>	PORTLAND, OREGON 97201
<b>ATTORNEY DOCKET NUMBER:</b>	ARR01983
<b>NAME OF SUBMITTER:</b>	KURT ROHLFS
<b>SIGNATURE:</b>	/Kurt Rohlfs/
<b>DATE SIGNED:</b>	03/18/2022
<b>Total Attachments: 4</b>	
source=20220218 Executed Assignments ARR01983 9653.0425#page1.tif	
source=20220218 Executed Assignments ARR01983 9653.0425#page2.tif	
source=20220218 Executed Assignments ARR01983 9653.0425#page3.tif	
source=20220218 Executed Assignments ARR01983 9653.0425#page4.tif	

**ASSIGNMENT**

WHEREAS we, Luke Smyth and Derek Gilmore, (hereinafter collectively referred to as ASSIGNORS), have invented certain inventions and improvements entitled "USING SECURE WEB SOCKETS TO EXTEND REACH OF CONDITIONAL ACCESS SYSTEMS" disclosed in Patent Application No. 16/795,235 filed in the United States Patent and Trademark Office on 2/19/20; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62/808,260, filed on 2/20/2019, and;

WHEREAS, ARRIS Enterprises LLC, a limited liability company formed under the laws of Delaware, having a principal place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to, and under said invention and the United States Letters Patent to be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said patent application, design patent application, or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, or reissue thereof and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world for said invention for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNORS will promptly provide ASSIGNEE, upon its request, with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention

Atty Docket: ARR01983

Patent Application No:  
16/795,235

and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

18/03/22  
Date

*[Signature]*  
Luko Smyth

WITNESS#1: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed

\_\_\_\_\_  
Date

\_\_\_\_\_  
Derek Gilmore

WITNESS#1: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed

**ASSIGNMENT**

WHEREAS we, Luke Smyth and Derek Gilmore, (hereinafter collectively referred to as ASSIGNORS), have invented certain inventions and improvements entitled "USING SECURE WEB SOCKETS TO EXTEND REACH OF CONDITIONAL ACCESS SYSTEMS" disclosed in Patent Application No. 16/795,235 filed in the United States Patent and Trademark Office on 2/19/20; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62/808,260, filed on 2/20/2019, and;

WHEREAS, ARRIS Enterprises LLC, a limited liability company formed under the laws of Delaware, having a principal place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to, and under said invention and the United States Letters Patent to be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said patent application, design patent application, or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, or reissue thereof and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world for said invention for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNORS will promptly provide ASSIGNEE, upon its request, with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention

Atty Docket: ARR01983

Patent Application No.:  
16/795,235

and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Luke Smyth

WITNESS#1: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed

16/03/22  
\_\_\_\_\_  
Date

D. Gilmore  
\_\_\_\_\_  
Derek Gilmore

WITNESS#1: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed