

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Francis J. O'Keeffe	10/26/2022
Thomas J. Cloonan	08/26/2022
Chris R. Zettinger	08/30/2022
Michael Harrington	02/02/2023
Patricia Tessier	09/20/2022
Darrick Wilson	09/15/2022
Oleksandr Volkov	08/31/2022
Dermot Lucey	09/05/2022
RECEIVING PARTY DATA	
Company Name:	ARRIS Enterprises LLC
Street Address:	3871 Lakefield Drive
City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17325150
PCT Number:	US2133272
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	4996 and 4996-PCT
NAME OF SUBMITTER:	Wesley Van Der Veen

SIGNATURE:	Wesley Van Der Veen
DATE SIGNED:	05/01/2024
Total Attachments: 9 source=20240501 Executed Assignment 4996 9653.0350#page1.tif source=20240501 Executed Assignment 4996 9653.0350#page2.tif source=20240501 Executed Assignment 4996 9653.0350#page3.tif source=20240501 Executed Assignment 4996 9653.0350#page4.tif source=20240501 Executed Assignment 4996 9653.0350#page5.tif source=20240501 Executed Assignment 4996 9653.0350#page6.tif source=20240501 Executed Assignment 4996 9653.0350#page7.tif source=20240501 Executed Assignment 4996 9653.0350#page8.tif source=20240501 Executed Assignment 4996 9653.0350#page9.tif	

ASSIGNMENT

WHEREAS we, Francis J. O'Keeffe, Thomas J. Cloonan, Chris R. Zettinger, Michael Harrington, Patricia Tessier, Darrick Wilson, Oleksandr Volkov and Dermot Lucey (hereinafter collectively referred to as ASSIGNORS), have invented certain inventions and improvements entitled "SYSTEMS AND METHODS FOR UPSTREAM AND DOWNSTREAM CATV PLANT CAPACITY EXPANSION" disclosed in Patent Application No. 17/325,150 filed in the United States Patent and Trademark Office on May 19, 2021; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 63/027,108, filed on May 19, 2020, and; PCT Application No. PCT/US2021/033272 filed on May 19, 2021, 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 and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Oct 26 2022
Date

Frank O'Keeffe
Francis J. O'Keeffe

WITNESS#1: Mare O'Keeffe
Signature
MAREE O'KEEFFE
Printed

Date: 26-10-22

Date

Thomas J. Cloonan

WITNESS#1: _____
Signature

Printed

Date: _____

Date

Chris R. Zettinger

WITNESS#1: _____
Signature

Printed

Date: _____

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

Date

Francis J. O'Keeffe

WITNESS#1:

SignatureDate:

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Date

8-26-2022

Thomas J. Cloonan

Thomas J. Cloonan

WITNESS#1:

SignatureDate:

8-26-2022

RUTH A. CLOONAN

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Date

Chris R. Zettinger

WITNESS#1:

SignatureDate:

Printed

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

Date

Francis J. O'Keeffe

WITNESS#1:

SignatureDate:

Printed

Date

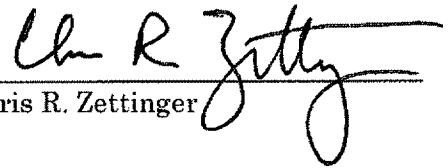
Thomas J. Cloonan

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Date08/30/2022

Chris R. Zettinger

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SignatureDate:


Michael J. Rudolph
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2/Feb/2023
Date

Michael Harrington
Michael Harrington

WITNESS#1: T Strzelecki
Signature
TOMASZ STRZELECKI
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Date: 2/Feb/2023

Date

Patricia Tessier

WITNESS#1: _____
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Printed

Date: _____

Date

Darrick Wilson

WITNESS#1: _____
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Date: _____

Date

Michael Harrington

WITNESS#1: _____
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Date: _____

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20/Sept / 2022
Date

Patricia Tessier
Patricia Tessier

WITNESS#1: Frank O'Keeffe
Signature

Date: 20 Sept 2022

FRANK O'KEEFFE
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Date

Darrick Wilson

WITNESS#1: _____
Signature

Date: _____

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Date

Michael Harrington

WITNESS#1: _____

Signature

Date: _____

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Date

Patricia Tessier

WITNESS#1: _____

Signature

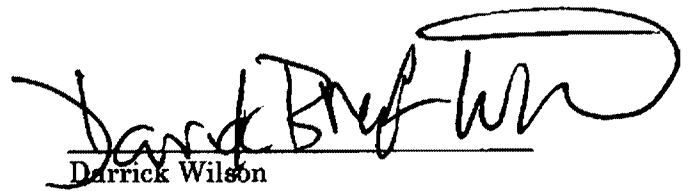
Date: _____

Printed

Date

9/15/22

Darrick Wilson




WITNESS#1: _____

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Date: _____

9/15/22

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Ali Bendary

08.31.2022
Date


Oleksandr Volkov

WITNESS#1: S. Dunning
Signature
S. DUNNING
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Date: 08.31.2022

Date

Dermot Lucey

WITNESS#1: _____
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Date: _____

Atty Docket: 4996

Patent Application No.: 17/325,150

Date

Oleksandr Volkov

WITNESS#1:

Signature

Date: _____

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5 - Sep - 2022
Date

Dermot Lucey
Dermot Lucey

WITNESS#1:

Lorna Lucey
Signature

Date: _____

LORNA LUCEY
Printed

5 - Sep - 2022