

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5294250

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARL L. DAUN	12/10/2018
JAMES J. BRYLA	12/10/2018
JEFFREY R. SHRODA	12/12/2018
RECEIVING PARTY DATA	
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City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16227425
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ATTORNEY DOCKET NUMBER:	ARR01504
NAME OF SUBMITTER:	STEWART M. WIENER
SIGNATURE:	/Stewart M. Wiener/
DATE SIGNED:	12/20/2018
Total Attachments: 4	
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ASSIGNMENT

WHEREAS we, Carl L. Daun, Jeffrey R. Shroda, James J. Bryla, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "**SYSTEMS AND METHODS FOR IMPROVING ARP/ND PERFORMANCE ON HOST COMMUNICATION DEVICES**" disclosed in Patent Docket Number ARR01504, and we hereby authorize and request a designated attorney associated with Customer No. 21924, to insert here in parentheses (Application Number _____, filed _____) the application number and filing date of said application when known; as filed in the United States Patent and Trademark Office; 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.

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

ASSIGNOR further covenants that ASSIGNOR 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.

12/10/2018
Date

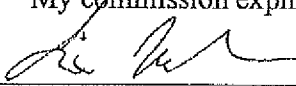
Carl L. Daun
Carl L. Daun

United States of America)
State of ILLINOIS) SS
County of COOK)

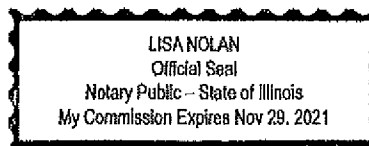
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Carl L. Daun**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 10 day of December, 2018.

My commission expires: November 29, 2021


Notary Public Signature

LISA NOLAN
Printed Name of Notary Public



12/10/2018

Date

James J. Bryla

James J. Bryla

United States of America

State of ILLINOISCounty of COOK

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The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **James J. Bryla**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 10 day of December, 2018.

My commission expires: November 29, 2021


Notary Public SignatureLISA NOLAN
Printed Name of Notary Public

12/12/2018

Date

Jeffrey R. Shroda
Jeffrey R. Shroda

United States of America)
State of ILLINOIS) SS
County of COOK)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Jeffrey R. Shroda**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 12 day of December, 2018.

My commission expires: November 29, 2021

L. Nolan
Notary Public Signature

LISANOLAN
Printed Name of Notary Public

