

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3864667

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KURT ALAN LUMBATIS	04/25/2016
CHARLES HARDT	04/28/2016
LOC QUANG LE	04/26/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS Enterprises LLC
<b>Street Address:</b>	3871 Lakefield Drive
<b>Internal Address:</b>	
<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>	15141161
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(678)473-8095
<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>	(678)473-8697
<b>Email:</b>	arrisdocketing@arris.com
<b>Correspondent Name:</b>	ARRIS GROUP, INC,
<b>Address Line 1:</b>	3871 LAKEFIELD DRIVE
<b>Address Line 4:</b>	SUWANEE, GEORGIA 30024
<b>ATTORNEY DOCKET NUMBER:</b>	ARR00658
<b>NAME OF SUBMITTER:</b>	BART A. PERKINS
<b>SIGNATURE:</b>	/Bart A. Perkins/
<b>DATE SIGNED:</b>	05/09/2016
<b>Total Attachments: 4</b>	
source=Assignment_executed_ARR00658#page1.tif	
source=Assignment_executed_ARR00658#page2.tif	
source=Assignment_executed_ARR00658#page3.tif	



ASSIGNMENT

WHEREAS I/we, Kurt Alan Lumbatis, Charles Hardt, Loc Quang Le, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "SERVICE SET DETERMINATION BASED UPON DEVICE TYPE IDENTIFIER" disclosed in Patent Disclosure Number IDFA00658 and we hereby authorize and request a designated attorney associated with Customer No. 21924, to insert here in parentheses (Application Number 15/141,161, filed April 28, 2016) the application number and filing date of said application when known; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62/153759, filed on April 28, 2015 and U.S. Provisional Application No. 62/158099, filed on May 7, 2015; 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.

4/23/2016

Date

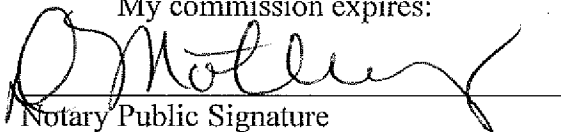
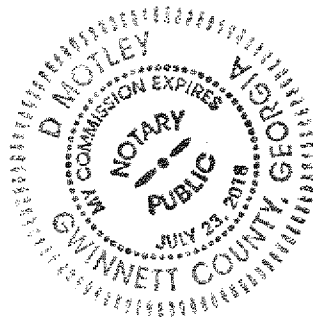
**Kurt Alan Lumbatis**

United States of America                    )  
State of Georgia                            ) SS  
County of Forsyth                         )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Kurt Alan Lumbatis**, 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 25<sup>th</sup> day of April, 2016.

My commission expires:

  
Notary Public SignatureD. Motley  
Printed Name of Notary Public

4/28/16

Date

CRH

Charles Hardt

WITNESS#1:

[Signature]

DATE:

4/28/16

Signature

Joseph Trujillo

Printed

WITNESS#2:

[Signature]

DATE:

4/28/16

Signature

Michael Longfield

Printed

4/26/2016  
Date

Loc Quang Le

United States of America )  
State of Forsyth Georgia ) SS  
County of Forsyth )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Loc Quang Le**, 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 26<sup>th</sup> day of April, 2016.

My commission expires:

D Motley  
Notary Public Signature

D Motley  
Printed Name of Notary Public

