503056193 11/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3102794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEHAN WICKRAMASURIYA	10/28/2014
VENUGOPAL VASUDEVAN	11/11/2014
FAISAL ISHTIAQ	10/29/2014

RECEIVING PARTY DATA

Name:	ARRIS Enterprises, Inc.
Street Address:	3871 Lakefield Drive
Internal Address:	
City:	Suwannee
State/Country:	GEORGIA
Postal Code:	30024

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14482338

CORRESPONDENCE DATA

Fax Number: (678)473-8095

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.

Phone: (678)473-8697

Email: arrisdocketing@arrisi.com
Correspondent Name: ARRIS GROUP, INC,
Address Line 1: 3871 LAKEFIELD DRIVE
Address Line 4: SUWANEE, GEORGIA 30024

ATTORNEY DOCKET NUMBER:	23002
NAME OF SUBMITTER:	STEWART M. WIENER
SIGNATURE:	/Stewart M. Wiener/
DATE SIGNED:	11/11/2014

Total Attachments: 4

source=Assignment_executed_23002#page1.tif source=Assignment_executed_23002#page2.tif source=Assignment_executed_23002#page3.tif

PATENT 503056193 REEL: 034144 FRAME: 0592

source=Assignment_executed_23002#page4.tif

PATENT REEL: 034144 FRAME: 0593

ASSIGNMENT

WHEREAS we, Jehan Wickramasuriya, Venugopal Vasudevan, Faisal Ishtiaq, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "SECOND SCREEN ADVERTISEMENT CORRELATION USING SCHEDULING INFORMATION FOR FIRST SCREEN ADVERTISEMENTS" disclosed in Patent Application Number 14/482338 filed in the United States Patent and Trademark Office on September 10, 2014; and disclosed in Provisional Patent Application Number 61/877024 filed in the United States Patent and Trademark Office on September 12, 2014; and,

WHEREAS, ARRIS Enterprises, Inc., a corporation 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

1

PATENT REEL: 034144 FRAME: 0594 enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

10/24/14 Date

Jehan Wickramasuriv

United States of America)
State of $\frac{\text{LLINOIS}}{\text{County of } \text{COK}}$) SS

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Jehan Wickramasuriya**, 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 <u>28</u> day of <u>Octobe</u>, 2014.

My commission expires: September 24,2017

Notary Public Signature

Printed Name of Notary Public

ISA NOVAN

OFFICIAL SEAL LISA NOLAN Notary Public - State of Illineis My Commission Expires Sep 24, 2017

Date	10 Nempoper	
	Venugopal Vasudevan	
United States of America)	
State of <u>JULINOIS</u>) SS	
County of Cook)	

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Venugopal Vasudevan**, 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 _	11 day of November, 2014.
My commission expires: Septem!	ber 24,2017
Notary Public Signature	
LISA NOLAN	OFFICIAL SEAL LISA NOLAN Notery Public - State at Hinois My Commission Expires Sep 24, 2017
Printed Name of Notary Public	my commonator Express cap in 1 de 1

10/29/14	June
Date	Faisal Ishtiaq
	-
United States of America	
State of TLLINOIS))
County of COOK)
000000)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Faisal Ishtiaq**, 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 29	day of, 2014.
My commission expires: Softender 2	
Notary Public Signature	OFFICIAL SEAL LISA NOLAN ALALAM OUTUB State of Hillands
Printed Name of Notary Public	Notary Public - State of Itlinais My Commission Expires Sep 24, 2017