

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3816414

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIMONE FRANZINI	03/31/2016
LOREN J. RITTLE	04/04/2016
DOUGLAS A. KUHLMAN	04/04/2016
RECEIVING PARTY DATA	
Name:	ARRIS Enterprises LLC
Street Address:	3871 Lakefield Drive
Internal Address:	
City:	Suwanee
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15091238
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	(678)473-8697
Email:	arrisdocketing@arris.com
Correspondent Name:	ARRIS GROUP, INC,
Address Line 1:	3871 LAKEFIELD DRIVE
Address Line 4:	SUWANEE, GEORGIA 30024
ATTORNEY DOCKET NUMBER:	ARR00626
NAME OF SUBMITTER:	STEWART M. WIENER
SIGNATURE:	/Stewart M. Wiener/
DATE SIGNED:	04/05/2016
Total Attachments: 4	
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source=Assignment_executed_ARR00626#page3.tif	

ASSIGNMENT

WHEREAS we, Simone Franzini, Loren J. Rittle, Douglas A. Kuhlman, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "TRICK PLAY USER ACTIVITY RECONSTRUCTION" disclosed in Patent Disclosure Number ARR00626, 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

Docket ARR00626

carry out the purposes hereof.

3/31/16
Date

Simone Franzini
Simone Franzini

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 **Simone Franzini**, 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 31 day of MARCH, 2016.

My commission expires: September 24, 2017

[Signature]
Notary Public Signature

LISA NOLAN
Printed Name of Notary Public



4/4/2016
Date

Loren J. Rittle
Loren J. Rittle

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 **Loren J. Rittle**, 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 4 day of April, 2016.

My commission expires: September 24, 2017

Lisa Nolan
Notary Public Signature

LISA NOLAN
Printed Name of Notary Public



4-4-2016
Date

Douglas A. Kuhlman
Douglas A. Kuhlman

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 **Douglas A. Kuhlman**, 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 4 day of April, 2016.

My commission expires: September 24, 2017

Lisa Nolan
Notary Public Signature

LISA NOLAN
Printed Name of Notary Public

