PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENXIANG LI	08/12/2014
FAISAL ISHTIAQ	08/13/2014
STEPHEN P. EMEOTT	08/12/2014
ANTHONY J. BRASKICH	08/12/2014

RECEIVING PARTY DATA

Name:	ARRIS ENTERPRISES, INC.
Street Address:	3871 LAKEFIELD DRIVE
City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17877557

CORRESPONDENCE DATA

Fax Number: (503)228-4373

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.

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ATTORNEY DOCKET NUMBER:	LARR23005-C2
NAME OF SUBMITTER:	KURT ROHLFS
SIGNATURE:	/Kurt Rohlfs/
DATE SIGNED:	07/29/2022

Total Attachments: 5

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PATENT 507413431 REEL: 060676 FRAME: 0421

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PATENT REEL: 060676 FRAME: 0422

Patent Application 14/302229

Docket 23005

ASSIGNMENT

WHEREAS I/we, Renxiang Li, Faisal Ishtiaq, Stephen P. Emeott, Anthony J. Braskich, (hereinafter

collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled

"System and Method for Automatic Detection of Demarcating Segments in Video Sequences" disclosed in

Patent Application Number 14/302229 filed in the United States Patent and Trademark Office on June

11, 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

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PATENT REEL: 060676 FRAME: 0423 enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

8/12/2014
Date
Renxiang Li

United States of America

County of <u>Cook</u>)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Renxiang Li**, 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

)SS

Given under my hand and notarial seal this 12 day of August, 2014.

My commission expires: September 24, 2017

deed for the uses and purposes therein set forth.

Notary Public Signature

State of ILLINOIS

LISA NOLAN
Printed Name of Notary Public

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

8/13/14	Jan In
Date	Faisal Ishtiaq
United States of America)
State of <u>FLLINOIS</u>) SS
County of Cook)

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.

My commission expires: September 24, 2017

Notary Public Signature

Printed Name of Notary Public

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

8/12/14	Stopp 2
Date	Stephen P. Emeott
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 **Stephen P. Emeott**, 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 thi	is 12 day of August, 2014.
My commission expires: Septem Notary Public Signature USA NOLAN Printed Name of Notary Public	OFFICIAL SEAL LIBA NOLAN Notary Public - State of Himois My Commission Expires Sep 24, 2017

8/12/2014 Date	Anthony J. Brack Anthony J. Braskich
United States of America State of Fluidor)) SS
County of Cook)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Anthony J. Braskich**, 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 August, 2014.

My commission expires: September 24, 2017

Notary Public Signature

Printed Name of Notary Public

OFFICIAL SEAL LIBA NOLAN Notary Public - State of Minols My Commission Expires Sep 24, 2017