

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7188274

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WAYNE D. MICHELSEN	01/15/2016
SWAROOP CHANDA	01/05/2016
WEI ZHOU	01/06/2016
JANE PERERA	01/05/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS ENTERPRISES, INC.
<b>Street Address:</b>	3871 LAKEFIELD DRIVE
<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>	17677362
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)228-4373
<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>	5032275631
<b>Email:</b>	kar.docket@chernofflaw.com
<b>Correspondent Name:</b>	WESLEY VAN DER VEEN
<b>Address Line 1:</b>	111 SW COLUMBIA ST
<b>Address Line 2:</b>	SUITE 725
<b>Address Line 4:</b>	PORTLAND, OREGON 97201
<b>ATTORNEY DOCKET NUMBER:</b>	ARR00503-C1
<b>NAME OF SUBMITTER:</b>	KURT ROHLFS
<b>SIGNATURE:</b>	/Kurt Rohlfs/
<b>DATE SIGNED:</b>	02/22/2022
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

WHEREAS we, Wayne D. Michelsen, Swaroop Chanda, Wei Zhou, Jane Perera, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "Using Motion Compensated Temporal Filter (MCTF) Statistics for Scene Change Detection when a Fade, Dissolve or Cut Occurs" disclosed in Patent Application Number 14963727 filed in the United States Patent and Trademark Office on December 09, 2015; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62099674, filed on January 5, 2015;

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 enforce said application, said invention and said Letters Patent which may be necessary or desirable to

Docket ARR00503

Patent  
Application  
14963727

carry out the purposes hereof.

2016 Jan - 15  
Date

Wayne D. Michelsen  
Wayne D. Michelsen

WITNESS#1: [Signature] DATE: 01/15/2016  
Signature

ALBERTO DUENAS  
Printed

WITNESS#2: [Signature] DATE: 1-15-2016  
Signature

OLIVER GUNASEKARA  
Printed

\_\_\_\_\_  
Date

\_\_\_\_\_  
Swaroop Chanda

WITNESS#1: \_\_\_\_\_ DATE: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed

WITNESS#2: \_\_\_\_\_ DATE: \_\_\_\_\_  
Signature

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Printed

Docket ARR00503

carry out the purposes hereof.

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Date

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**Wayne D. Michelsen**

WITNESS#1: \_\_\_\_\_ DATE: \_\_\_\_\_

Signature

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Printed

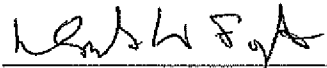
WITNESS#2: \_\_\_\_\_ DATE: \_\_\_\_\_

Signature

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Printed

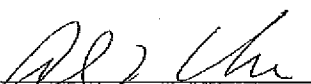
01/05/2016  
Date

  
Swaroop Chanda

WITNESS#1:  DATE: 1-5-2016

Signature

Douglas W Forsyth  
Printed

WITNESS#2:  DATE: 1/5/2016

Signature

Alex T. Chen  
Printed

01/06/2016

Date

Zhouwei 周伟

Wei Zhou

WITNESS#1: [Signature] DATE: 1-5-2016  
Signature

Douglas W Foray  
Printed

WITNESS#2: [Signature] DATE: 1-5-2016  
Signature

Alex T. Chen  
Printed

01/06/2016

Date

Jane Perera

Jane Perera

WITNESS#1: [Signature] DATE: 1-5-2016  
Signature

Douglas W Foray  
Printed

WITNESS#2: [Signature] DATE: 1-5-2016  
Signature

Alex T. Chen  
Printed