

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4333785

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VENKATESH G. MUTALIK	02/27/2017
ZORAN MARICEVIC	02/27/2017
MARCEL F. SCHEMMANN	02/27/2017
JOHN ULM	03/01/2017
RECEIVING PARTY DATA	
Name:	ARRIS ENTERPRISES LLC
Street Address:	3871 LAKEFIELD DRIVE
City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15431131
CORRESPONDENCE DATA	
Fax Number:	
<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:	(215) 323-1086
Email:	arrisdocketing@arris.com
Correspondent Name:	ARRIS ENTERPRISES, LLC LEGAL DEPT - DOCK
Address Line 1:	101 TOURNAMENT DRIVE
Address Line 4:	HORSHAM, PENNSYLVANIA 19044
ATTORNEY DOCKET NUMBER:	ARR00979
NAME OF SUBMITTER:	LORI ANNE D. SWANSON
SIGNATURE:	/Lori Anne D. Swanson/
DATE SIGNED:	03/23/2017
Total Attachments: 4	
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source=Assignment_executed_ARR00979#page3.tif	

ASSIGNMENT

WHEREAS we, Venkatesh G. Mutalik, Zoran Maricevic, Marcel F. Schemmann, John Ulm, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "Full Duplex Bidirectional Transmission on Coaxial Cable in CATV Network" disclosed in Patent Application Number 15/431131 filed in the United States Patent and Trademark Office on February 13, 2017; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62/294369, filed on February 12, 2016, U.S. Provisional Application No. 62/300763, filed on February 26, 2016, and U.S. Provisional Application No. 62/300483, filed on February 26, 2016, 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:

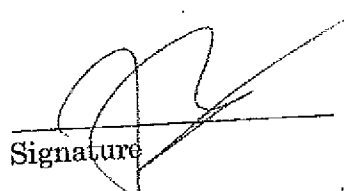
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent 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.

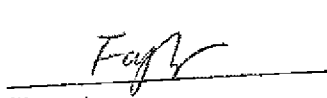
ASSIGNOR further covenants that ASSIGNOR will promptly provide ASSIGNEE, upon its request, with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation 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.

Feb 27, 2017
Date


Venkatesh G. Mutalik

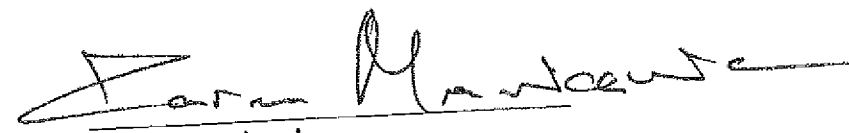
WITNESS#1:  DATE: 2/27/2017
Signature

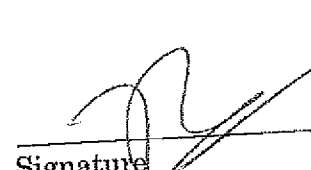
ZHIQIAN SUN
Printed

WITNESS#2:  DATE: 2/27/2017
Signature

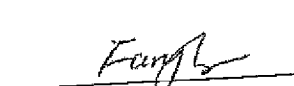
Hui Fang
Printed

2/27/17
Date


Zoran Maricevic

WITNESS#1:  DATE: 2/27/2017
Signature

ZHIQIAN SUN
Printed

WITNESS#2:  DATE: 2/27/2017
Signature

Hui Fang
Printed

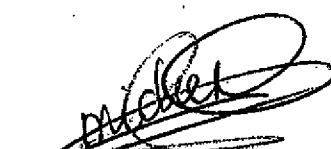
27 Feb 2017

Date



Marcel F. Schemmann

WITNESS#1:


Signature

DATE: 27 Feb 2017

M. I. M. Fickers

Printed

WITNESS#2:


Signature

DATE: 27 Feb 2017

M. S. A. Fickers

Printed

Date

John Ulm

WITNESS#1:

Signature

DATE: _____

Printed

WITNESS#2:

Signature

DATE: _____

Printed

Docket ARR00979

Patent
Application
15431131

Date

Marcel F. Schemmann

WITNESS#1: _____ DATE: _____
Signature

Printed

WITNESS#2: _____ DATE: _____
Signature

Printed

3/1/2017
Date

John Ulm
Signature

WITNESS#1: _____ DATE: 3/1/17
Signature

Wim Meisner
Printed

WITNESS#2: _____ DATE: 3/1/2017
Signature

Bret Arnold
Printed