

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANIELA M. ROSENBERGER	02/15/2022
WILLIAM P. FRANKS	02/13/2022
ARPAN KUMAR KAUSHAL	02/13/2022
RAJESH K. RAO	03/20/2022
ERNEST G. SCHMITT	02/12/2022
RECEIVING PARTY DATA	
Name:	ARRIS ENTERPRISES LLC
Street Address:	3871 LAKEVIEW DRIVE
City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17669031
CORRESPONDENCE DATA	
Fax Number:	(908)320-4441
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Address Line 2:	SUITE 401
Address Line 4:	NEW PROVIDENCE, NEW JERSEY 07974
ATTORNEY DOCKET NUMBER:	COMMSC 3.0F-037 [123]
NAME OF SUBMITTER:	MARSIA TIRRELL
SIGNATURE:	/marsia tirrell/
DATE SIGNED:	04/27/2022
Total Attachments: 10	

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ASSIGNMENT

WHEREAS, WE, Aniela M. Rosenberger, William P. Franks, Kaliraj Kalaichelvan, Arpan Kumar Kaushal, Rajesh K. Rao, and Ernest G. Schmitt, have invented SYSTEM AND METHOD FOR DYNAMIC ADJUSTMENT OF CONTENT STREAMING RATES described in an application for Letters Patent of the United States, the specification of which:

[X] was filed on February 10, 2022 as Application No. 17/669,031;

WHEREAS, ARRIS ENTERPRISES LLC, (hereinafter "Assignee") a corporation having principal offices at 3871 Lakeview Drive, Suwanee, GA, 30024, desires to acquire an interest in the Application in accordance with agreements duly entered into with us;

WHEREAS, the aforesaid inventors are obliged by teams of employment or other agreement to assign all right, title and interest in the Applications to the Assignee;


NOW, THEREFORE, in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we confirm that we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said Applications (and any inventions described therein) and such patents as may issue thereon, and any reissue, continuation, continuation-in-part, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said Applications or inventions thereof; said Applications and patents to be held and enjoyed by said Assignee for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing such Applications, all choses in action pertaining to the Applications or patents including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the Applications or patents. We hereby acknowledge that this assignment being of our entire right, title and interest in and to said Applications, carries with it the right in Assignee to apply for and obtain from competent authorities in countries of the world any and all patents by attorneys and agents of Assignee's selection and the right to procure the grant of all such patents to Assignee for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid Applications and patents to said

Assignee, its successors, assigns and legal representatives, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional, continuation or continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said inventions or any applications or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such patents as shall be granted upon said Application or applications based thereon to said Assignee, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, Assignors have hereunto set their hands and seals on the dates subscribed below.

Inventor: Signature:  Date: 2/15/2022

Name: Aniela M. Rosenberger

Inventor: Signature: _____ Date: _____

Name: William P. Franks

Inventor: Signature: _____ Date: _____

Name: Kaliraj Kalaichelvan

Inventor: Signature: _____ Date: _____

Name: Arpan Kumar Kaushal

Inventor: Signature: _____ Date: _____

Name: Rajesh K. Rao

Inventor: Signature: _____ Date: _____

Name: Ernest G. Schmitt

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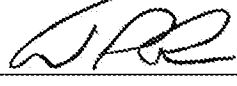
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Inventor: Signature: _____ Date: _____

Name: Aniela M. Rosenberger

Inventor: Signature:  _____ Date: 02-13-2022

Name: William P. Franks

Inventor: Signature: _____ Date: _____

Name: Kaliraj Kalaichelvan

Inventor: Signature: _____ Date: _____

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Name: Arpan Kumar Kaushal

Inventor: Signature:  Date: 20 MARCH 2022

Name: Rajesh K. Rao

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Name: Rajesh K. Rao

Inventor: Signature: Ernest G. Schmitt Date: Feb 12, 2022

Name: Ernest G. Schmitt