503031905 10/23/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMESH V PANCHAGNULA	10/23/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14478538	

CORRESPONDENCE DATA

Fax Number: (678)473-8095

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.

Phone: 678-473-8697

Email: arrisdocketing@arrisi.com

Correspondent Name: ARRIS GROUP, INC.

Address Line 1: 3871 LAKEFIELD DRIVE

Address Line 4: SUWANEE, GEORGIA 30024

ATTORNEY DOCKET NUMBER:	18024
NAME OF SUBMITTER:	DENISE MOTLEY
SIGNATURE:	/Denise Motley/
DATE SIGNED:	10/23/2014

Total Attachments: 2

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PATENT 503031905 REEL: 034038 FRAME: 0111

Patent Application 14/478538

Docket 18024

ASSIGNMENT

WHEREAS I, Ramesh V. Panchagnula, (hereinafter collectively referred to as ASSIGNOR), have

invented certain inventions and improvements entitled "ADAPTIVE BIT RATE CO-OPERATIVE

TRANSCODING" disclosed in Patent Application Number 14/478538 filed in the United States Patent

and Trademark Office on September 05, 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

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

carry out the purposes hereof.

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PATENT REEL: 034038 FRAME: 0112 **Docket 18024**

10/23/2016	T.V. Kameh	
Date		Ramesh V. Panchagnula
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United States of America)
State of Georgia) SS
County of Forsyth)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Ramesh V. Panchagnula**, 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 23 rd day of 600 , 2014

My commission expires:

Notary Public Signature

D. Motley

Printed Name of Notary Public

