

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Santhana Chari</td><td>10/19/2011</td></tr><tr><td>Alexander D. Raji</td><td>10/18/2011</td></tr></tbody></table>	Name	Execution Date	Santhana Chari	10/19/2011	Alexander D. Raji	10/18/2011	
Name	Execution Date						
Santhana Chari	10/19/2011						
Alexander D. Raji	10/18/2011						
RECEIVING PARTY DATA							
Name:	ARRIS Group, Inc.						
Street Address:	3871 Lakefield Drive						
Internal Address:	Legal Dept						
City:	Suwanee						
State/Country:	GEORGIA						
Postal Code:	30024						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13275229</td></tr></tbody></table>	Property Type	Number	Application Number:	13275229			
Property Type	Number						
Application Number:	13275229						
CORRESPONDENCE DATA							
Fax Number:	(678)473-8095						
Phone:	678-473-8593						
Email:	denise.motley@arrisi.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	ARRIS Group, Inc.						
Address Line 1:	3871 Lakefield Drive						
Address Line 2:	Legal Dept						
Address Line 4:	Suwanee, GEORGIA 30024						
ATTORNEY DOCKET NUMBER:	18018 (BB-VIDEO)						
NAME OF SUBMITTER:	Denise Motley						
Total Attachments: 2 source=111019 Assign filed 18018#page1.tif source=111019 Assign filed 18018#page2.tif							

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PATENT
REEL: 027084 FRAME: 0815

ASSIGNMENT

WHEREAS we, Santhana Chari and Alexander D. Raji, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled “Audio Normalization for Digital Video Broadcasts” disclosed in Patent Application Number 13/275,229 filed in the United States Patent and Trademark Office on 17 October 2011; and.

WHEREAS, ARRIS Group, 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.

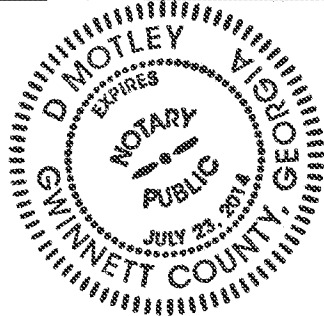
10/19/11
Date

Santhana Chari
Santhana Chari

STATE OF GEORGIA)
COUNTY OF FORSYTH)

I hereby certify that Santhana Chari before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 19th day of October, 2011.

(SEAL)



D. Motley
Notary Public
My Commission expires _____

10/18/11
Date

Alexander D. Raji
Alexander D. Raji

STATE OF GEORGIA)
COUNTY OF FORSYTH)

I hereby certify that Alexander D. Raji before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 18th day of October, 2011.

(SEAL)

D. Motley
Notary Public
My Commission expires _____

