07/11/2014 502887986

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISHNA PRASAD PANJE	07/04/2014
WILLIAM P. FRANKS	06/20/2014
PRAVEEN N. MOORTHY	06/24/2014
PAUL MORONEY	07/01/2014
MURALI S. SAHASRANAMAN	07/02/2014

RECEIVING PARTY DATA

Name:	General Instrument Corporation	
Street Address:	101 Tournament Drive	
Internal Address:		
City:	Horsham	
State/Country:	PENNSYLVANIA	
Postal Code:	19044	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14207481

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

arrisdocketing@arrisi.com Email: **Correspondent Name:** ARRIS GROUP, INC. Address Line 1: 3871 LAKEFIELD DRIVE Address Line 4: SUWANEE, GEORGIA 30024

ATTORNEY DOCKET NUMBER:	CS39701A
NAME OF SUBMITTER:	THOMAS A. WARD
SIGNATURE:	/Thomas A. Ward/
DATE SIGNED:	07/11/2014

Total Attachments: 6

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REEL: 033294 FRAME: 0405 502887986

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PATENT REEL: 033294 FRAME: 0406

ASSIGNMENT

WHEREAS we, Krishna Prasad Panje, William P. Franks, Praveen N. Moorthy, Paul Moroney, Murali S. Sahasranaman, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "STREAMING MEDIA FROM A SERVER DELIVERING INDIVIDUALIZED CONTENT STREAMS TO CLIENTS" disclosed in Patent Application Number 14/207481 filed in the United States Patent and Trademark Office on March 12, 2014; and disclosed in Provisional Patent Application Number 61/794638 filed in the United States Patent and Trademark Office on March 15, 2013, and,

WHEREAS, General Instrument Corporation, a corporation formed under the laws of Delaware, having a principal place of business at 101 Tournament Drive, Horsham, Pennsylvania 19004 (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

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Patent Application 14/207481

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.

DATE: _

Signature

WITNESS#2: A Soly 2014
Signature

DATE: 4 Soly 2014

PATENT REEL: 033294 FRAME: 0408

6.20	.14
Γ)ate

State of California

personally appeared

County of V

before me,

Notary Public

Name(s) of Signer(s)

SANDRA JENKINS Commission # 1973776 Notary Public - California San Diego County My Comm. Expires Apr 27, 2016 Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Place Notary Seal Above

06/24/)4

Praveen N. Moorthy

State of California

County of Jon 2008

On <u>June 24, 2014</u>

, before me, <u>Llanda</u>

, Notary Public

personally appeared _____/

n 11. 7

Name(s) of Signer(s)

Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(tes), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

SANDRA JENKINS
Commission # 1973776
Notary Public - California
San Diego County
My Comm. Expires Apr 27, 2016

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature___

Signature of Notary Public

Place Notary Seal Above

7/1/36(4 | Date

Paul Moroney

State of California

County of Man Roce)s

On July 1, 2014,

, before me, <u>Xankka Janka</u> Name of Notary Public

Notary Public

/ Date personally appeared

and menorey

Name(s) of Signer(s)

SANDRA JENKINS
Commission # 1973776
Notary Public - California
San Diago County
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Who proved to me on the basis of satisfactory evidence to be the person(s)-who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Signature

Handra Jen Bend Signature of Notary Public

Place Notary Seal Above

02-JUL-	<u>- 2014</u>	<u>S. N</u>	Umal:	
Date		Murali Sahasranaman		
WITNESS#1:	Sandeep. G.J.	_ DATE: _	2-JULY-2014	
	Signature SANDEEP GODE Printed	KOPPA SU) RES H	
WITNESS#2:	Har Sarda Signature	_ DATE: _	2-JULY-2014	
	HARIN D SAKT	<u>>A</u>		

PATENT REEL: 033294 FRAME: 0412

RECORDED: 07/11/2014