

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Zoran Maricevic	07/14/2011
Marcel Schemmann	07/10/2011
Dean Painchaud	07/07/2011
William P Dawson	08/11/2011
Zhijian Sun	07/12/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS Group, Inc.
<b>Street Address:</b>	3871 Lakefield Drive
<b>Internal Address:</b>	Legal Dept
<b>City:</b>	Suwanee
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13175681
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(678)473-8095
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	678-473-8593
<b>Email:</b>	denise.motley@arrisi.com
<b>Correspondent Name:</b>	ARRIS Group, Inc.
<b>Address Line 1:</b>	3871 Lakefield Drive
<b>Address Line 2:</b>	Legal Dept
<b>Address Line 4:</b>	Suwanee, GEORGIA 30024
<b>ATTORNEY DOCKET NUMBER:</b>	14034 (ATS-AM NODE,HDEND)

**CH \$40.00 13175681**

**501624485**

**PATENT  
 REEL: 026739 FRAME: 0863**

NAME OF SUBMITTER:

Denise Motley

**Total Attachments: 6**

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## ASSIGNMENT

WHEREAS we, **Zoran Maricevic, Marcel F. Schemmann, Dean Painchaud, William P Dawson and Zhijian Sun**, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled “**Overlay System With Digital Optical Transmitter For Digitized Narrowcast Signals**” disclosed in Patent Application Number **13/175,681** filed in the United States Patent and Trademark Office on **01 July 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.

14 July 2011  
Date

Zoran Maricevic  
Zoran Maricevic

STATE OF Connecticut )  
COUNTY OF New Haven ) ss: Wallingford

I hereby certify that Zoran Maricevic 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 14<sup>th</sup> day of July, 2011.

(SEAL)

Lisa M. Bousquet  
Notary Public  
My Commission expires 7/31/13

LISA M. BOUSQUET  
NOTARY PUBLIC  
MY COMMISSION EXPIRES JULY 31, 2013

\_\_\_\_\_  
Date

\_\_\_\_\_  
Marcel F. Schemmann

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

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 Zoran Maricevic


STATE OF )  
COUNTY OF )

I hereby certify that Zoran Maricevic 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 \_\_\_\_\_ day of \_\_\_\_\_, 2011.


(SEAL)

\_\_\_\_\_  
Notary Public  
My Commission expires \_\_\_\_\_

10/7/11  
Date (dd/mm/yy)

  
\_\_\_\_\_  
Marcel F. Schemmann

10/7/11  
Date (dd/mm/yy)

  
\_\_\_\_\_  
Witness

July 7, 2011  
Date

Dean Painchaud  
Dean Painchaud

STATE OF Connecticut ss: Wallingford  
COUNTY OF New Haven

I hereby certify that Dean Painchaud 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 7<sup>th</sup> day of July, 2011.

(SEAL)

Lisa M. Bousquet  
Notary Public  
My Commission expires 7/31/13

LISA M. BOUSQUET  
NOTARY PUBLIC  
MY COMMISSION EXPIRES JULY 31, 2013

\_\_\_\_\_  
Date

\_\_\_\_\_  
William P Dawson

STATE OF )  
COUNTY OF )

I hereby certify that William P Dawson 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 \_\_\_\_\_ day of \_\_\_\_\_, 2011.

(SEAL)

\_\_\_\_\_  
Notary Public  
My Commission expires \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dean Painchaud

STATE OF )  
COUNTY OF )

I hereby certify that Dean Painchaud 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 \_\_\_\_\_ day of \_\_\_\_\_, 2011.

(SEAL)

\_\_\_\_\_  
Notary Public  
My Commission expires \_\_\_\_\_

AUGUST 11, 2011  
Date

William P. Dawson  
William P Dawson

STATE OF Pennsylvania )  
COUNTY OF Centre )

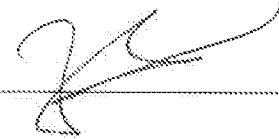
I hereby certify that William P Dawson before me personally appeared and acknowledged that the foregoing assignment was duly signed and delivered by him as his free and voluntary act on this 11<sup>th</sup> day of August, 2011.

(SEAL)

Richard E. Swope  
Notary Public  
My Commission expires 01-30-11

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
RICHARD E. SWOPE, NOTARY PUBLIC  
COLLEGE TWP., CENTRE COUNTY  
MY COMMISSION EXPIRES JAN. 30, 2015

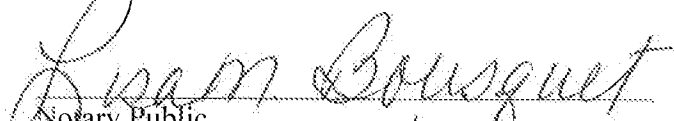
7/12/11  
Date

Zhijian Sun 

STATE OF Connecticut,  
COUNTY OF New Haven ss: wallingford

I hereby certify that Zhijian Sun 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 12<sup>th</sup> day of July, 2011.

(SEAL)

  
Notary Public  
My Commission expires 7/31/13

LISA M. BOUSQUET  
NOTARY PUBLIC  
MY COMMISSION EXPIRES JULY 31, 2013