

# PATENT ASSIGNMENT

Electronic Version v1.1  
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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>
ARRIS Solutions, Inc. f/k/a Broadband Royalty Corporation	05/20/2011
<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>	11821083
<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>	9529
<b>NAME OF SUBMITTER:</b>	Denise Motley
<p><b>Total Attachments: 11</b>          source=110520 Assign filed 9529#page1.tif          source=110520 Assign filed 9529#page2.tif</p>	

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**PATENT**  
**REEL: 026316 FRAME: 0916**

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## ASSIGNMENT

WHEREAS, **ARRIS Solutions, Inc.**, a Delaware corporation, as successor by merger to C-COR, Incorporated; as successor by merger to Broadband Capital Corporation; as successor by merger to Broadband Royalty Corporation, (hereinafter referred to as ASSIGNOR), is the owner, as evidenced by the attached documents, of certain inventions and improvements entitled “**Dynamic Zoning For Targeted Ad Insertion**” disclosed in Patent Application Number **11/821,083** filed in the United States Patent and Trademark Office on **20 June 2007**; 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.

ARRIS Solutions, Inc.

5/20/2011  
Date

By: [Signature]

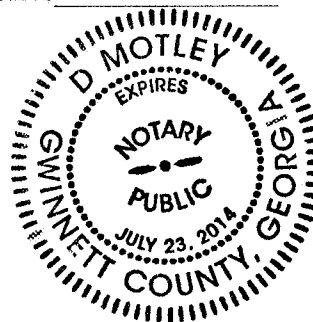
Gaines P. Carter, Assistant Secretary

STATE OF GEORGIA  
COUNTY OF FORSYTH

I hereby certify that Gaines P. Carter 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 20<sup>th</sup> day of May, 2011.

(SEAL)

[Signature]  
Notary Public  
My Commission expires \_\_\_\_\_



# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"BROADBAND ROYALTY CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "BROADBAND CAPITAL CORPORATION" UNDER THE NAME  
OF "BROADBAND CAPITAL CORPORATION", A CORPORATION ORGANIZED AND  
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED  
AND FILED IN THIS OFFICE THE TWENTY-EIGHTH DAY OF DECEMBER, A.D.  
2007, AT 1:41 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE  
NEW CASTLE COUNTY RECORDER OF DEEDS.

0946112 8100M

071371476



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6274801

DATE: 12-31-07

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

**PATENT**  
**REEL: 026316 FRAME: 0920**

**CERTIFICATE OF OWNERSHIP AND MERGER  
MERGING  
BROADBAND ROYALTY CORPORATION  
WITH AND INTO  
BROADBAND CAPITAL CORPORATION**

Pursuant to Section 253 of the Delaware General Corporation Law.

\*\*\*\*\*

**FIRST:** That the names and states of incorporation of each of the corporations participating in the merger are as follows:

<u>Name</u>	<u>State of Incorporation</u>
Broadband Royalty Corporation	Delaware
Broadband Capital Corporation	Delaware

**SECOND:** That Broadband Capital Corporation, a Delaware corporation (the "Parent Corporation"), is the owner of all of the issued and outstanding shares of common stock, par value \$0.01 per share (the "Common Stock"), of Broadband Royalty Corporation, a Delaware corporation (the "Subsidiary"), having no class of outstanding stock other than the Common Stock.

**THIRD:** That a merger of the Subsidiary with and into the Parent Corporation, with the Parent Corporation as the surviving corporation of the merger, has been approved by the Parent Corporation in accordance with the requirements of Section 253 of the Delaware General Corporation Law (the "DGCL"), and that a copy of the resolutions adopted by the Board of Directors of the Parent Corporation on December 27, 2007 approving the merger is attached hereto as Exhibit A.


**FOURTH:** That the name of the surviving corporation of the merger, which shall be a Delaware corporation, is "Broadband Capital Corporation."

**FIFTH:** That the Certificate of Incorporation of the Parent Corporation shall be the Certificate of Incorporation of the surviving corporation.

**SIXTH:** That this Certificate of Ownership and Merger is filed in accordance with Sections 253 and 103 of the DGCL and that the merger shall become effective upon the filing of the Certificate of Ownership and Merger with the Secretary of State of the State of Delaware.

IN WITNESS WHEREOF, the undersigned have caused this Certificate of Ownership and Merger to be executed by their duly authorized representatives this 27 day of December, 2007.

BROADBAND CAPITAL CORPORATION

By:  \_\_\_\_\_

Name: David B. Potts

Its: Chief Financial Officer

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"BROADBAND CAPITAL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "C-COR INCORPORATED" UNDER THE NAME OF "C-COR INCORPORATED", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2007, AT 2:05 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



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You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6276262

DATE: 01-02-08

PATENT  
REEL: 026316 FRAME: 0923



State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 02:05 PM 12/31/2007  
FILED 02:05 PM 12/31/2007  
SRV 071377491 - 2421290

**CERTIFICATE OF OWNERSHIP AND MERGER  
MERGING  
BROADBAND CAPITAL CORPORATION  
WITH AND INTO  
C-COR INCORPORATED**

Pursuant to Section 253 of the Delaware General Corporation Law.

\*\*\*\*\*

**FIRST:** That the names and states of incorporation of each of the corporations participating in the merger are as follows:

<u>Name</u>	<u>State of Incorporation</u>
Broadband Capital Corporation	Delaware
C-COR Incorporated	Delaware

**SECOND:** That C-COR Incorporated, a Delaware corporation (the "Parent Corporation"), is the owner of all of the issued and outstanding shares of common stock, par value \$0.01 per share (the "Common Stock"), of Broadband Capital Corporation, a Delaware corporation (the "Subsidiary"), having no class of outstanding stock other than the Common Stock.

**THIRD:** That a merger of the Subsidiary with and into the Parent Corporation, with the Parent Corporation as the surviving corporation of the merger, has been approved by the Parent Corporation in accordance with the requirements of Section 253 of the Delaware General Corporation Law (the "DGCL"), and that a copy of the resolutions adopted by the Board of Directors of the Parent Corporation on December 27th, 2007 approving the merger is attached hereto as Exhibit A.

**FOURTH:** That the name of the surviving corporation of the merger, which shall be a Delaware corporation, is "C-COR Incorporated."

**FIFTH:** That the Certificate of Incorporation of the Parent Corporation shall be the Certificate of Incorporation of the surviving corporation.

**SIXTH:** That this Certificate of Ownership and Merger is filed in accordance with Sections 253 and 103 of the DGCL and that the merger shall become effective upon the filing of the Certificate of Ownership and Merger with the Secretary of State of the State of Delaware.

IN WITNESS WHEREOF, the undersigned have caused this Certificate of Ownership and Merger to be executed by their duly authorized representatives this 31 day of December, 2007.

C-COR INCORPORATED

By: 

Name: Lawrence A. Margolis

Its: Executive Vice President

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"C-COR INCORPORATED", A DELAWARE CORPORATION,  
WITH AND INTO "ARRIS SOLUTIONS, INC." UNDER THE NAME OF  
"ARRIS SOLUTIONS, INC.", A CORPORATION ORGANIZED AND EXISTING  
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED  
IN THIS OFFICE THE TWENTY-FIRST DAY OF DECEMBER, A.D. 2010, AT  
6:55 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF  
THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY,  
A.D. 2011, AT 12:02 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE  
NEW CASTLE COUNTY RECORDER OF DEEDS.



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101219746

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 8452581

DATE: 12-23-10

PATENT  
REEL: 026316 FRAME: 0926

**CERTIFICATE OF MERGER  
MERGING  
C-COR INCORPORATED  
WITH AND INTO  
ARRIS SOLUTIONS, INC.**

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law, the undersigned corporation executed this Certificate of Merger:

\*\*\*\*\*

**FIRST:** That the name and jurisdiction of formation or organization of each of the constituent entities which is to merge are as follows:

<u>Name</u>	<u>State of Domicile and Jurisdiction of Formation or Organization</u>
ARRIS Solutions, Inc.	Delaware
C-COR Incorporated	Delaware

**SECOND:** That the Agreement and Plan of Merger between the C-COR Incorporated and ARRIS Solutions, Inc. (the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by the each of the constituent entities in accordance with the requirements of Section 251 of the Delaware General Corporation Law.

**THIRD:** That the name of the surviving entity of the merger, which shall be a Delaware corporation, is "ARRIS Solutions, Inc."

**FOURTH:** That the merger shall become effective as of 12:02 a.m. on January 1, 2011.

**FIFTH:** That the Certificate of Incorporation of ARRIS Solutions, Inc., shall be the Certificate of Incorporation of the surviving Delaware corporation.

**SIXTH:** That the executed Merger Agreement is on file at the principal place of business of the surviving Delaware corporation, the address of which is 3871 Lakefield Drive, Suwanee, Georgia 30024.

**SEVENTH:** That a copy of the Merger Agreement will be furnished by the surviving Delaware corporation, on request and without cost, to any shareholder of C-COR Incorporated or ARRIS Solutions, Inc.

IN WITNESS WHEREOF, the undersigned have caused this Certificate of Merger to be executed by their duly authorized representatives this 17 day of December, 2010.

**ARRIS SOLUTIONS, INC.**

By: 

Name: David B. Potts

Title: Chief Financial Officer

**C-COR INCORPORATED**

By: 

Name: Lawrence A. Margolis

Title: Vice President