

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	MERGER				
EFFECTIVE DATE:	01/01/2011				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Broadband Royalty Corporation</td> <td>01/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Broadband Royalty Corporation	01/01/2011
Name	Execution Date				
Broadband Royalty Corporation	01/01/2011				
RECEIVING PARTY DATA					
Name:	ARRIS Solutions, Inc.				
Street Address:	3871 Lakefield Drive				
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>Patent Number:</td> <td>5113523</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	5113523
Property Type	Number				
Patent Number:	5113523				
CORRESPONDENCE DATA					
Fax Number:	6784738095				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	678-473-8593				
Email:	denise.motley@arrisi.com				
Correspondent Name:	Denise Motley				
Address Line 1:	3871 Lakefield Drive				
Address Line 4:	Suwanee, GEORGIA 30024				
ATTORNEY DOCKET NUMBER:	9548 LEGAL				
NAME OF SUBMITTER:	Denise Motley				
<p>Total Attachments: 9 source=110101 BRC thru ARRIS Sol mgr#page1.tif source=110101 BRC thru ARRIS Sol mgr#page2.tif source=110101 BRC thru ARRIS Sol mgr#page3.tif</p>					

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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

PATENT
REEL: 029729 FRAME: 0830

**CERTIFICATE OF OWNERSHIP AND MERGER
MERCING
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.

2421290 8100M

071377491

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Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6276262

DATE: 01-02-08

PATENT
REEL: 029729 FRAME: 0833

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

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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.

4469069 8100M

101219746

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at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8452581

DATE: 12-23-10

PATENT
REEL: 029729 FRAME: 0836

**CERTIFICATE OF MERGER
MERCING
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.

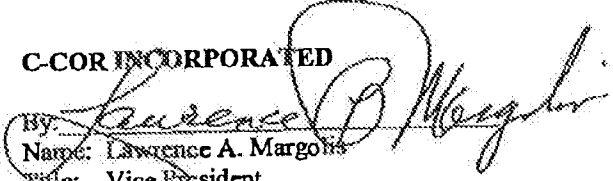
SEVENTH: That a copy of the Merger Agreement will be furnished by the surviving Delaware corporation, on request and without cost, to any shareholder of C-COR Incorporated or ARRIS Solutions, Inc.

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