

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	12/31/2011
CONVEYING PARTY DATA	
Name	Execution Date
BIGBAND NETWORKS INC.	12/31/2011
RECEIVING PARTY DATA	
Name:	ARRIS SOLUTIONS INC.
Street Address:	3871 LAKEFIELD DRIVE
City:	SUWANEE
State/Country:	GEORGIA
Postal Code:	30024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12565792
CORRESPONDENCE DATA	
Fax Number:	7036834707
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703 838 5568
Email:	OREN@I-P.CO.IL
Correspondent Name:	RECHES PATENTS
Address Line 1:	211 NORTH UNION STREET
Address Line 2:	SUITE 100
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	P-71903-US
NAME OF SUBMITTER:	OREN RECHES
Total Attachments: 5 source=MergerofBigBandNetworksIncintoARRISSolutionsInc#page1.tif source=MergerofBigBandNetworksIncintoARRISSolutionsInc#page2.tif source=MergerofBigBandNetworksIncintoARRISSolutionsInc#page3.tif source=MergerofBigBandNetworksIncintoARRISSolutionsInc#page4.tif source=MergerofBigBandNetworksIncintoARRISSolutionsInc#page5.tif	

OP \$40.00 12565792

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:

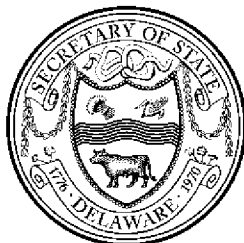
"BIGBAND NETWORKS, INC.", A DELAWARE CORPORATION,
WITH AND INTO "ARRIS SOLUTIONS, INC." UNDER THE NAME OF "ARRIS SOLUTIONS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2011, AT 5:19 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2011, AT 11:59 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


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 9252672

DATE: 12-23-11

PATENT
REEL: 028969 FRAME: 0215

**CERTIFICATE OF MERGER
OF
BIGBAND NETWORKS, INC.
WITH AND INTO
ARRIS SOLUTIONS, INC.**

December 20, 2011

Pursuant to Title 8, Section 251 of the Delaware General Corporation Law (the "DGCL"), the undersigned does hereby certify that:

FIRST: The name and state of incorporation of each of the constituent corporations of the merger are as follows:

<u>Name</u>	<u>State of Incorporation</u>
BigBand Networks, Inc.	Delaware
ARRIS Solutions, Inc.	Delaware

SECOND: An Agreement and Plan of Merger, dated as of December 19, 2011 (the "Agreement"), by and between ARRIS Solutions, Inc., a Delaware corporation ("ASI"), and BigBand Networks, Inc., a Delaware corporation ("BigBand"), pursuant to which BigBand will merge with and into ASI with ASI continuing as the surviving corporation in such merger, was approved, adopted, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the DGCL.

THIRD: The name of the surviving corporation, which shall be a Delaware corporation, is "ARRIS Solutions, Inc."

FOURTH: The Certificate of Incorporation of the surviving corporation shall be amended and restated at the effective time of the merger to read in its entirety as set forth in Attachment A to this Certificate of Merger.

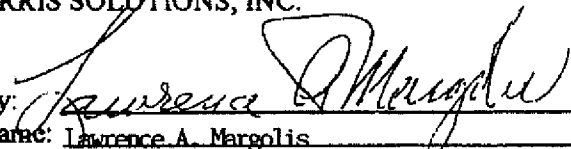
FIFTH: The executed Agreement is on file at the principal place of business of the surviving corporation, the address of which is 3871 Lakefield Drive, Suwanee, Georgia 30024.

SIXTH: A copy of the Agreement will be furnished by the surviving corporation, on request and without cost, to any stockholder of any of the constituent corporations.

SEVENTH: The merger shall become effective at 11:59 p.m. Eastern Time on December 31, 2011.

IN WITNESS WHEREOF, said surviving corporation has caused this Certificate of Merger to be executed by its duly authorized officer as of the date first written above.

ARRIS SOLUTIONS, INC.

By: 
Name: Lawrence A. Margolis
Title: Executive Vice President

**CERTIFICATE OF INCORPORATION
OF
ARRIS SOLUTIONS, INC.**

ARTICLE I

The name of the Corporation is ARRIS Solutions, Inc. (hereinafter, the "Corporation").

ARTICLE II

The address of the Corporation's registered office in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of New Castle, Delaware 19801. The name of its registered agent at such address is The Corporation Trust Company.

ARTICLE III

The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under General Corporation Law of the State of Delaware (the "DGCL").

ARTICLE IV

The total number of shares of stock which the Corporation shall have authority to issue is one million (1,000,000) shares of common stock, par value \$.01 per share.

ARTICLE V

The Corporation is to have perpetual existence.

ARTICLE VI

1. The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors. In addition to the powers and authority expressly conferred upon them by statute or by this Certificate of Incorporation or the Bylaws of the Corporation, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation.

2. In furtherance and not in limitation of the powers conferred by statute, the Board of Directors is expressly authorized to adopt, amend, alter or repeal the Bylaws of the Corporation. The affirmative vote of at least a majority of the Board of Directors then in office shall be required in order for the Board of Directors to adopt, amend, alter or repeal the Corporation's Bylaws.

3. Elections of directors need not be by written ballot unless the Bylaws of the Corporation shall so provide.

ARTICLE VII

1. To the fullest extent permitted by the DGCL as the same exists or as may hereafter be amended, a director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. If the DGCL is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the Corporation shall be eliminated to the fullest extent permitted by the DGCL, as so amended.

2. The Corporation shall indemnify, to the fullest extent permitted by applicable law, any director or officer of the Corporation who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (a "Proceeding") by reason of the fact that he or she is or was a director, officer, employee or agent of the Corporation or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any such Proceeding. The Corporation shall be required to indemnify a person in connection with a Proceeding initiated by such person only if the Proceeding was authorized by the Board.

3. The Corporation shall have the power to indemnify, to the extent permitted by the DGCL, as it presently exists or may hereafter be amended from time to time, any employee or agent of the Corporation who was or is a party or is threatened to be made a party to any Proceeding by reason of the fact that he or she is or was a director, officer, employee or agent of the Corporation or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with any such Proceeding.

4. Neither any amendment or repeal of any Section of this Article VII, nor the adoption of any provision of this Certificate of Incorporation inconsistent with this Article VII, shall eliminate or reduce the effect of this Article VII, in respect of any matter occurring, or any action or proceeding accruing or arising or that, but for this Article VII, would accrue or arise, prior to such amendment, repeal or adoption of an inconsistent provision.

ARTICLE VIII

The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation in the manner now or hereafter prescribed by the laws of the State of Delaware, and all rights conferred upon stockholders herein are granted subject to this reservation.

PATENT