

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3735695

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	CHANGE OF NAME	
CONVEYING PARTY DATA		
	Name	Execution Date
	BBN TECHNOLOGIES CORP.	10/27/2009
RECEIVING PARTY DATA		
Name:	RAYTHEON BBN TECHNOLOGIES CORP.	
Street Address:	10 MOULTON STREET	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02138	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	13911584
	Patent Number:	8650643
CORRESPONDENCE DATA		
Fax Number:	(703)351-3665	
<i>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.</i>		
Phone:	703-351-3579	
Email:	eddy.valverde@verizon.com	
Correspondent Name:	VERIZON PATENT MANAGEMENT GROUP	
Address Line 1:	1320 N. COURTHOUSE ROAD	
Address Line 2:	9TH FLOOR	
Address Line 4:	ARLINGTON, VIRGINIA 22201	
ATTORNEY DOCKET NUMBER:	00-4045D1-AND-00-4045C1	
NAME OF SUBMITTER:	JOSEPH R. PALMIERI	
SIGNATURE:	/Joseph R. Palmieri, Reg. No. 40,760/	
DATE SIGNED:	02/11/2016	
Total Attachments: 3		
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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 RESTATED CERTIFICATE OF "BBN TECHNOLOGIES CORP.", CHANGING ITS NAME FROM "BBN TECHNOLOGIES CORP." TO "RAYTHEON BBN TECHNOLOGIES CORP.", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 2009, AT 1:04 O'CLOCK P.M.

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

3760012 8100

090966977

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7605488

DATE: 10-27-09

PATENT
REEL: 037797 FRAME: 0816

**AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION**

OF

BBN TECHNOLOGIES CORP.

BBN Technologies Corp., a corporation organized and existing under the laws of the State of Delaware (the "Corporation"), hereby certifies as follows:

1. The name of the Corporation is BBN Technologies Corp. The original Certificate of Incorporation of the Corporation was filed with the Secretary of State of Delaware on February 3, 2004 under the name AP-GCP Operating Corp.

2. Pursuant to Sections 242 and 245 of the Delaware General Corporation Law, as amended (the "DGCL"), this Amended and Restated Certificate of Incorporation restates, integrates and amends the provisions of the Certificate of Incorporation of the Corporation. This Amended and Restated Certificate of Incorporation was duly adopted by the Board of Directors of the Corporation in accordance with Sections 242 and 245 of the DGCL.

3. The text of the Corporation's Certificate of Incorporation as heretofore amended, restated or supplemented is hereby restated and amended to read in its entirety as follows:

ARTICLE ONE: The name of the Corporation is Raytheon BBN Technologies Corp.

ARTICLE TWO: 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. The name of the Corporation's registered agent at such address is The Corporation Trust Company.

ARTICLE THREE: The nature of the business to be conducted or promoted by and the purposes of the Corporation are to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State Delaware, as amended.

ARTICLE FOUR: The total number of shares of all classes of stock which the Corporation shall have authority to issue is three thousand (3,000) shares of Common Stock, par value \$.01 per share.

ARTICLE FIVE: The Board of Directors is authorized to adopt, amend or repeal the By-Laws of the Corporation.

ARTICLE SIX: The number of directors of the Corporation shall be determined in the manner set forth in the By-Laws of the Corporation. Election of directors need not be by written ballot.

ARTICLE SEVEN: No director of the Corporation shall be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director; provided that this provision shall not eliminate or limit the liability of a director (i) for any breach of such director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the General Corporation Law of the State of Delaware, as amended, or (iv) for any transaction from which such director derived an improper personal benefit.

IN WITNESS WHEREOF, the Corporation has caused this Amended and Restated Certificate of Incorporation to be signed by Brooke M. Bartleson, its Assistant Secretary, on this 27th day of October, 2009.

BBN Technologies Corp.

By: Brooke M. Bartleson/s/
Brooke M. Bartleson
Assistant Secretary