503100203 12/15/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3146810

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	12/01/2005

CONVEYING PARTY DATA

Name	Execution Date
BBNT SOLUTIONS LLC	12/01/2005

RECEIVING PARTY DATA

Name:	BBN TECHNOLOGIES CORP.	
Street Address:	10 MOULTON STREET	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02138	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8880896

CORRESPONDENCE DATA

Fax Number: (703)351-3665

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.

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:	03-4040	
NAME OF SUBMITTER:	JOSEPH R. PALMIERI	
SIGNATURE:	/Joseph R. Palmieri, Reg. No. 40,760/	
DATE SIGNED:	12/15/2014	

Total Attachments: 5

source=2nd_Merger-BBNT-Solutions-LLC-to-BBN-Technologies-Corp_12-1-05#page1.tif source=2nd_Merger-BBNT-Solutions-LLC-to-BBN-Technologies-Corp_12-1-05#page2.tif source=2nd_Merger-BBNT-Solutions-LLC-to-BBN-Technologies-Corp_12-1-05#page3.tif source=2nd_Merger-BBNT-Solutions-LLC-to-BBN-Technologies-Corp_12-1-05#page4.tif

source=2nd_Merger-BBNT-Solutions-LLC-to-BBN-Technologies-Corp_12-1-05#page5.tif

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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 MERGER, WHICH MERGES:

"BBNT SOLUTIONS LLC", A DELAWARE LIMITED LIABILITY COMPANY, WITH AND INTO "BBN TECHNOLOGIES OPERATING CORP." UNDER THE NAME OF "BBN TECHNOLOGIES OPERATING CORP.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SECOND DAY OF DECEMBER, A.D. 2005, AT 3:58 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRD DAY OF JANUARY, A.D. 2006, AT 12:01 O'CLOCK A.M.

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

3760012 8100M 050981779

Harriet Smith Windsor, Secretary of State AUTHENTICATION: 4344737

DATE: 12-06-05

PATENT REEL: 034504 FRAME: 0741

NO 3846 P

State of Delaware Secretary of State Division of Corporations Delivered 04:05 PM 12/02/2005 FILED 03:58 PM 12/02/2005 SRV 050981779 - 3760012 FILE

CERTIFICATE OF MERGER

of

BBNT SOLUTIONS LLC, a Delaware limited liability company

with and into

BBN TECHNOLOGIES OPERATING CORP., a Delaware corporation

Pursuant to Title 8, Section 264(c) of the Delaware General Corporation Law (the "DGCL") and Title 6, Section 18-209 of the Delaware Limited Liability Company Act (the "LLC Act"). BBN Technologies Operating Corp., a Delaware corporation (the "Surviving Corporation"), hereby certifies to the following information regarding the merger of BBNT Solutions LLC, a Delaware limited liability company (the "Merging LLC"), into the Surviving Corporation (the "Merger"):

FIRST: The names and states of incorporation or formation, as applicable, of the Surviving Corporation and the Merging LLC, which are the constituent entities in the Merger (the "Constituent Entities"), are as follows

Name

State

BBN Technologies Operating Corp.

Delaware

BBNI Solutions LLC

Delaware

SECOND: The Agreement and Plan of Merger dated as of November 22, 2005 (the "Merger Agreement") between the Surviving Corporation and the Merging LLC, setting forth the terms and conditions of the Merger, has been approved, adopted, certified, executed and acknowledged by each of the Constituent Emittes in accordance with Title 8, Section 264(c) and Section 103 of the DGCL and Title 6, Section 18-209 of the LLC Act.

THIRD: The name of the corporation surviving the Merger is "BBN Technologies Operating Corp.", a Delaware corporation.

FOURTH: The Certificate of Incorporation of the Surviving Corporation in effect immediately before the effectiveness of the Merger shall be the Certificate of Incorporation of the Surviving Corporation until further amended in accordance with the DGCL.

FIFTH: The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation. The address of the principal place of business of the Surviving Corporation is: 10 Moulton Street, Cambridge, MA 02138.

REEL: 034504 FRAME: 0742

SIXTH: A copy of the Merger Agreement will be furnished by the Surviving. Corporation, on request and without cost, to any stockholder or member, as applicable, of the Constituent Entities.

SEVENTH: The Merger and this Certificate of Merger shall be effective at 12:01 a.m. E.S.T on January 3, 2006, in accordance with the DGCL and the LLC Act

IN WITNESS WHEREOF, the Surviving Corporation has caused this certificate to be signed by the undersigned on November 22, 2005.

BBN TECHNOLOGIES OPERATING CORP

By: <u>G-*Ulde Ti-kO*LC</u> Name: Februard I Call

Title: Executive Vice President, Operations



PAGE I

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 AMENDMENT OF "BBN TECHNOLOGIES OPERATING CORP.", CHANGING ITS NAME FROM "BBN TECHNOLOGIES OPERATING CORP." TO "BBN TECHNOLOGIES CORP.", FILED IN THIS OFFICE ON THE SECOND DAY OF DECEMBER, A.D. 2005, AT 4:05 O'CLOCK P.M.

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

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRD DAY OF JANUARY, A.D. 2006, AT 12:01 O'CLOCK A.M.

3760012 8100

050981786

Darriet Smith Hindson

Harriet Smith Windsor, Secretary of State
AUTHENTICATION: 4344742

DATE: 12-06-05

PATENT REEL: 034504 FRAME: 0744

State of Delaware Secretary of State Division of Corporations Delivered 04:05 FM 12/02/2005 FILED 04:05 FM 12/02/2005 SRV 050981786 - 3760012 FILE

CERTIFICATE OF AMENDMENT OF CERTIFICATE OF INCORPORATION OF BBN TECHNOLOGIES OPERATING CORP.

BBN Technologies Operating Corp. (the "Corporation"), a corporation organized in the State of Delaware on February 3, 2004, for the purpose of amending its Certificate of Incorporation in accordance with Section 242 of the General Corporation Law of the State of Delaware, hereby certifies:

FIRST: That pursuant to the authority conferred by the Certificate of Incorporation and By-laws of the Corporation, the Board of Directors duly adopted a resolution setting forth a proposed amendment to the Certificate of Incorporation of the Corporation.

SECOND: Upon the effectiveness hereof, Article 1 of the Certificate of Incorporation shall be amended by striking out Article First in its entirety and by substituting in lieu of said Article 1 the following new Article 1:

"FIRST: The name of the corporation formed hereby is BBN Technologies Corp."

THIRD: The amendment of the Certificate of Incorporation herein certified has been duly adopted and written consent has been given in accordance with the provisions of Sections 228 and 242 of the General Corporation Law of the State of Delaware.

FOURTH: This Certificate of Amendment shall be effective at 12:01 a.m. E.S.T. on January 3, 2006, in accordance with the DGCL.

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Amendment to be signed by its Executive Vice President, Operations on December 1, 2005.

Edward J. Cambbell

Executive Vice President, Operations

Revised Cert of Amend, of Cert of Incorp of BBN Technologies Operating Curp. LXX

PATENT REEL: 034504 FRAME: 0745

RECORDED: 12/15/2014