Electronic Version v1.1 Stylesheet Version v1.1

JBMISSION TYPE:	NEW ASSIGNMENT	
ATURE OF CONVEYANCE:	MERGER	
FECTIVE DATE:	01/03/2006	
CONVEYING PARTY DATA		
Name Execution Date		
BNT Solutions LLC	01/03/2006	
RECEIVING PARTY DATA		
Name: BBN Technologies Corp.		
treet Address: 10 Moulton Street		
ity: Cambridge		
tate/Country: MASSACHUSETTS	IUSETTS	
ostal Code: 02138	02138	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number: 754002	29	
CORRESPONDENCE DATA		
Fax Number: (617)235-9492		
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.		
Email: joanne.ryan@ropesgray.com		
Correspondent Name: ROPES & GRAY LLP Address Line 1: One International Place		
Address Line 4: Boston, MASSACHUSETTS 02110		
TORNEY DOCKET NUMBER:	BBNT-GIP-001	
AME OF SUBMITTER:	Joanne Ryan	
Total Attachments: 5		
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Delaware

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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.

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Varuet Smith Windson

Harriet Smith Windsor, Secretary of State AUTHENTICATION: 4344737

DATE: 12-06-05

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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., Delaware corporation

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

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 BBN Technologics Operating Corp. BBNT Solutions LLC

Delaware Delaware

State

SECOND: The Agreement and Plan of Merger dated as of November 22, 2005 (the "<u>Merger Agreement</u>") 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 Emitties 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.

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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:

Name: Edward J. Calipbell Title: Executive Vice President, Operations

Delaware

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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 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

mith Minds Varriet

DATE: 12-06-05

Harriet Smith Windsor, Secretary of State AUTHENTICATION: 4344742

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.

MANA

Edward J. Campbell Executive Vice President, Operations

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

RECORDED: 07/20/2009