

04-19-2006

RE



103221851

113211 U.S. PTO
11/402188

041006

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Walter C. Milliken

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): September 4, 2001

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: BBN Technologies Corp.

Internal Address: _____

Street Address: _____

10 Moulton Street

City: Cambridge

State: Massachusetts

Country: United States of America Zip: 02138

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Edward J. Kelly
ROPES & GRAY LLP

Internal Address: Atty. Dkt.: BBNT-P03-130

Street Address: One International Place

City: Boston

State: MA Zip: 02110-2624

Phone Number: (617) 951-7532

Fax Number: (617) 951-7050

Email Address: ekelly@ropesgray.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers: 181945
Expiration Date: 11/402188
b. Deposit Account Number: 18-1945
Authorized User Name: Edward J. Kelly

9. Signature:

Signature
Edward A. Gordon - 54,130
Name of Person Signing

April 10, 2006
Date

Total number of pages including cover sheet, attachments, and documents: 40.00

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV521704383U in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 4/10/06 Signature: Joanne Ryan (Joanne Ryan)

DOCKET NO: 00-4061

ASSIGNMENT

For good and valuable consideration which I hereby acknowledge, I,

Walter Clark Milliken

residing at 24 Cottonwood Dr., Dover, NH 03820-6035

sell and assign to **BBNT SOLUTIONS LLC.**, a Delaware corporation, its successors and assigns (hereinafter "Company"), all right, title and interest in my invention in

NETWORK PROCESSOR HAVING CYCLIC REDUNDANCY CHECK
IMPLEMENTED IN HARDWARE

and the application for United States Patent therefor executed concurrently herewith, and all Patents which may be granted therefor, including re-examination Patents in all foreign countries, and all divisions, reissues, re-examinations, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that I have full right so to do and agree that I will communicate to said Company or its representatives any facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all foreign countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal.

Inventor

Walter C. Milliken

Walter Clark Milliken

Date

9/4/2001

Address

24 Cottonwood Dr.

Dover, NH 03820-6035

Witness:

Stephen Polz

Witness:

Marquante DiBlasio

Address:

20 Douglas R/
Belmont, Ma

Address:

98 Second St.
Midford, Ma 02715

Date:

9/4/01

Date:

9/4/01

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 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

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4344737

DATE: 12-06-05

PATENT
REEL: 017790 FRAME: 0118

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
BBNT 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 Entities 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.

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. Campbell
Title: Executive Vice President, Operations

Delaware

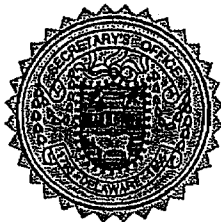
PAGE 1

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 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

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 4344742

DATE: 12-06-05

PATENT
REEL: 017790 FRAME: 0121

**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.

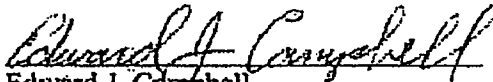
SECOND: Upon the effectiveness hereof, Article 1 of the Certificate of Incorporation shall be amended by striking out Article First in its entirety and by substituting in lieu of said Article 1 the following new Article 1:

"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. Campbell
Executive Vice President, Operations

Revised Cert of Amend. of Cert of Incorp. of BBN Technologies Operating Corp..LXX