

06-16-2004



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

6-14-04

102767548

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

BBNT SOLUTIONS LLC

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

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Confirmatory License

Execution Date(s): 25 SEPTEMBER 2003☒ This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).

2. Name and address of receiving party(ies):

Name: UNITED STATES AIR FORCEInternal Address: AFRL/IFOJStreet Address: 26 ELECTRONIC PARKWAYCity: ROMEState: NEW YORKZip: 13441-4514Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):

10/392,492; 09/943,709; 10/391,582; 10/325,325;10/394,974; 10/394,874; 10/462,292; 09/944,328

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: AFRL/IFOJ

Internal Address: _____

Street Address: 26 ELECTRONIC PARKWAYCity: ROMEState: NEW YORK ZIP: 13441-4514

6. Total number of applications and patents involved:

87. Total fee (37 CFR 3.41)\$ 0☐ Enclosed☒ Not applicable

The instrument to be recorded is not an instrument affecting title (37 CFR 7.1(e)(2) and (j)).

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*JUDITH M. DECKER

Name of person signing

Signature

6/9/04

Date

Total number of pages including cover sheet, attachments, and document:

9

CONFIRMATORY LICENSE

Application for: METHOD AND APPARATUS FOR ROUTING DATA TRAFFIC IN A CRYPTOGRAPHICALLY-PROTECTED NETWORK

Inventor(s): Elliot, Brig Barnum

Serial Number: 10/392,492

Filed: 3/19/2003

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

The invention identified above is a "Subject Invention" under 37 CFR 401.14 or FAR 52.227-12, which are included among the terms of the above-identified contract award with the United States Air Force.

1. The nonexclusive, nontransferable, irrevocable, paid-up license granted to the Federal Government in the invention described in the patent application in any and all divisions, continuations, and continuations-in-part, and in any and all patents and re-issues granted thereon, and of all other rights acquired by the Government by the referenced clause.


2. All other rights acquired by the Government by reason of the above identified contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

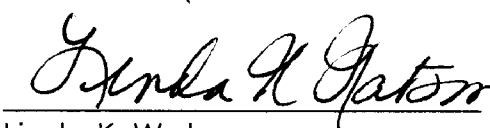
Signed this 25th day of September, 2003.

(CORPORATE SEAL)

For: BBNT Solutions LLC

By: 
Name: Christian R. Andersen
Title: Assistant Secretary



ATTEST:
By: 
Name: Linda K. Watson
Title: Assistant Secretary

CONFIRMATORY LICENSE

Application for: SYSTEMS AND METHODS FOR PATH SET-UP IN A QUANTUM KEY DISTRIBUTION NETWORK

Inventor(s): Elliot, Brig Barnum

Serial Number: 09/943,709

Filed: 8/31/2001

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

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Title:



Christian R. Andersen

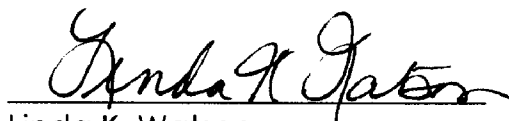
Assistant Secretary

ATTEST:

By:

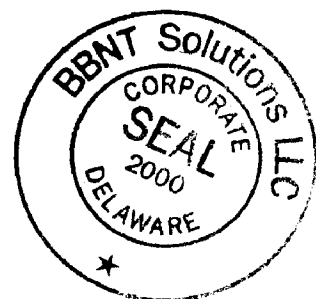
Name:

Title:



Linda K. Watson

Assistant Secretary



PATENT

REEL: 015450 FRAME: 0444

CONFIRMATORY LICENSE

Application for: METHOD AND APPARATUS FOR CONTROLLING THE FLOW OF DATA ACROSS A NETWORK INTERFACE

Inventor(s): Elliot, Brig Barnum

Serial Number: 10/391,582

Filed: 3/19/2003

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

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Assistant Secretary

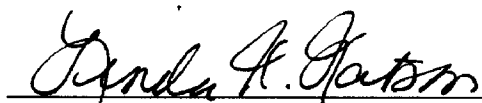


ATTEST:

By:

Name:

Title:



Linda K. Watson

Assistant Secretary

CONFIRMATORY LICENSE

Application for: SYSTEMS AND METHODS FOR IMPLEMENTING ADAPTIVE
QUANTUM CRYPTOGRAPHY

Inventor(s): Elliot, Brig Barnum; Schlafer, John

Serial Number: 10/325,325

Filed: 12/18/2002

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

The invention identified above is a "Subject Invention" under 37 CFR 401.14 or FAR 52.227-12, which are included among the terms of the above-identified contract award with the United States Air Force.

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Name: Linda K. Watson
Title: Assistant Secretary



CONFIRMATORY LICENSE

Application for: SYSTEMS AND METHODS FOR IMPLEMENTING A SIFTING
PROTOCOL FOR QUANTUM CRYPTOGRAPHIC PROTOCOLS

Inventor(s): Pearson, David Spencer; Elliot, Brig Barnum

Serial Number: 10/394,974

Filed: 3/21/2003

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

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Title:



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Assistant Secretary

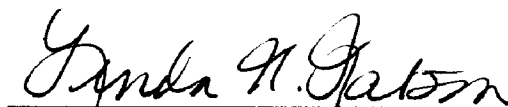


ATTEST:

By:

Name:

Title:



Linda K. Watson

Assistant Secretary

CONFIRMATORY LICENSE

Application for: SYSTEMS AND METHODS FOR ARBITRATING QUANTUM
CRYPTOGRAPHIC SHARED SECRETS

Inventor(s): Pearson, David Spencer; Elliot, Brig Barnum

Serial Number: 10/394,874

Filed: 3/21/2003

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

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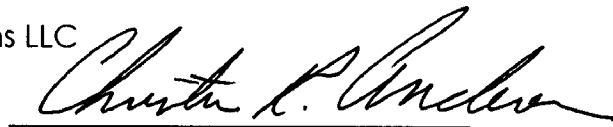
(CORPORATE SEAL)

For: BBNT Solutions LLC

By:

Name:

Title:



Christian R. Andersen

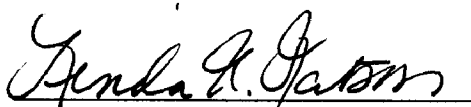
Assistant Secretary

ATTEST:

By:

Name:

Title:



Linda K. Watson

Assistant Secretary



02-4081

PATENT
REEL: 015450 FRAME: 0448

CONFIRMATORY LICENSE

Application for: AUTOMATIC CONTROL OF QUANTUM KEY DISTRIBUTION

Inventor(s): Colving, Milton Alexander; Elliot, Brig Barnum

Serial Number: 10/462,292

Filed: 6/16/2003

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

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Assistant Secretary




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Linda K. Watson
Assistant Secretary

CONFIRMATORY LICENSE

Application for: QUANTUM CRYPTOGRAPHIC KEY DISTRIBUTION NETWORKS
WITH UNTRUSTED SWITCHES

Inventor(s): Elliot, Brig Barnum

Serial Number: 09/944,328

Filed: 8/31/2001

Contract No.: F30602-01-C-0170

Contractor: BBNT SOLUTIONS LLC.

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