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Form PTO-1595 (Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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Tab settings

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

1. Name of conveying party(ies): 7-1-04
John CHEN
Kenneth GOULD

2. Name and address of receiving party(ies)
Name: Time Warner Cable, Inc
Internal Address: _____

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 290 Harbor Dr.

City: Stamford State: CT Zip: 06902

Execution Date: 06/08/2004

Additional 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) 10/848,397

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Roberts Abokhair & Mardula, LLC

Internal Address: _____

Street Address: 11800 Sunrise Valley Dr

Suite 1000

City: Reston State: VA Zip: 20191

6. Total number of applications and patents involved: 1

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

18-1579

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9. Signature.

Elliott D. Light Reg.: 51,948
Name of Person Signing

Signature

July 1, 2004
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

07/06/2004 MBETACHE 00000005 10648397

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PATENT
REEL: 015526 FRAME: 0886

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
John A. CHEN et al.
Serial No.: 10/848,397
Filed: 05/18/2004

Atty. Dckt. No.: 2816-028

Group Art Unit: Not Yet Assigned
Examiner: Not Yet Assigned

For: *THWARTING DENIAL OF SERVICE ATTACKS
ORIGINATING IN A DOCSIS-COMPLIANT
CABLE NETWORK*

* * * * *
ASSIGNMENT Pursuant to 37 CFR § 3.56
* * * * *

I, John A. CHEN, residing at 21517 Glebe View Drive, Ashburn, VA 20148, and I, Kenneth GOULD, residing at 11273 B Waples Mill Road, Oakton, VA 22124, for good and valuable consideration, the sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer unto TIME WARNER CABLE, INC., a corporation organized under the laws of the State of Delaware, having its principal office at 290 Harbor Drive, Stamford, CT 06902 (hereinafter "ASSIGNEE"), the entire right, title and interest, together with all rights of priority, in and to all my inventions described and/or claimed in the utility patent application filed with the United States Patent and Trademark Office titled "THWARTING DENIAL OF SERVICE ATTACKS ORIGINATING IN A DOCSIS-COMPLIANT CABLE NETWORK", the specification of which was filed on May 18, 2004, and having a Serial Number 10/848,397, as well as all divisional and continuation applications claiming priority therefrom and all foreign counterparts thereof, including any application filed in the Patent Cooperation Treaty ("PCT") and any national stage filing resulting from any such PCT filing together with all patents issuing on any of the aforesaid applications, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said patents therefore which may be granted.

I HEREBY AUTHORIZE ASSIGNEE to make application for and to receive patents for said inventions in any foreign countries in its own name, or in my name, at its election.

AND I HEREBY COVENANT AND AGREE that I will execute or procure any further necessary assurance of title to said inventions and any patents which may issue therefore and that I will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said inventions or any patents which may be granted therefore in ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time, upon the request and at the expense of the ASSIGNEE execute any continuations, divisions, reissues, or any other additional applications for patents for said inventions or any part or parts thereof, all of which applications and any patents issuing thereof are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said inventions, resulting from any of the aforesaid applications to assignee.

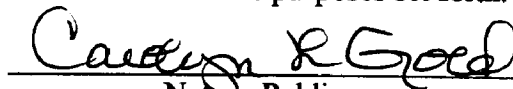
WITNESS MY HAND and seal this 8th day of June, 2004.


JOHN A. CHEN

STATE OF VIRGINIA

COUNTY OF LOUDOUN

On this 8th day of June, 2004 personally appeared before me John A. Chen to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.


Notary Public

My commission expires: 8/31/05

Carolyn L. Gold
NOTARY PUBLIC

Commonwealth of Virginia
My Commission Expires 8/31/05
[SIGNATURES CONTINUE ON THE NEXT PAGE]

WITNESS MY HAND and seal this 8th day of June, 2004.

Kenneth Gould
KENNETH GOULD

STATE OF VIRGINIA

COUNTY OF FAIRFAX

On this 8th day of June, 2004 personally appeared before me Kenneth Gould to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Carolyn L. Gold
Notary Public

My commission expires: 8/31/05

[THIS ASSIGNMENT ENDS WITH THIS PAGE]

Carolyn L. Gold
NOTARY PUBLIC
Commonwealth of Virginia
My Commission Expires 8/31/05