

09-12-2005

HEET



103079201

To the Director of the U.S. Patent and

and the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Nicholas Duffield, Weibo Gong, Don Towsley,
Changchun Zou

2. Name and address of receiving party(ies)

Name: AT&T Corp.

Internal Address: _____

Street Address: 32 Avenue of the Americas

City: New York

State: New York

Country: USA Zip: 10013-2412

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

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

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

Execution Date(s) 8/4/05, 8/5/05, 8/22/05, 8/24/05

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Sam Dworetzky

Internal Address: Room 2A-207

Street Address: One AT&T Way

City: Bedminster

State: NJ Zip: 07921

Phone Number: 908-532-1855

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ 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 _____
Expiration Date _____

b. Deposit Account Number 50-1313

Authorized User Name Wendy Buskop

9. Signature:

Christian Heausler

08/31/2005

09/09/2005 DBYRNE 00000011 501313 11216972 Signature

Date

01 FC:8021

40.00 DA

Christian Heausler

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 016953 FRAME: 0756

Docket No. 2004-0511

ASSIGNMENT AND AGREEMENT

For value received, I, NICHOLAS DUFFIELD, of 12 De Bary Place, Summit in the County of Union and State of New Jersey, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **ADAPTIVE DEFENSE AGAINST VARIOUS NETWORK ATTACKS** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

Docket No. 2004-0511

I agree that, when requested, I shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


NICHOLAS DUFFIELD

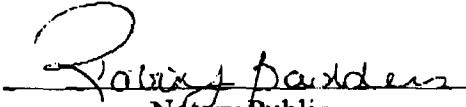
Date: 8/24/05

United States of America)

State of New Jersey)

County of Hornu)

On this 24 day of August, 2005, before me personally came NICHOLAS DUFFIELD, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

ROBIN J. BADIERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/30/2008

AT&T Corp.
Room 2A-207
One AT&T Way
Bedminster, New Jersey 07921

ASSIGNMENT

For valuable consideration, we,

WEIBO GONG of 25 Sacco Drive, Amherst, Massachusetts;

DON TOWSLEY of 33 Sunset Avenue, Amherst, Massachusetts; and

CHANGCHUN ZOU of 990 North Pleasant Street, Apartment G29, Amherst,

Massachusetts;

hereby assign to **UNIVERSITY OF MASSACHUSETTS**, a public institution of higher education of the Commonwealth of Massachusetts, having a place of business at 225 Franklin Street, 12th Floor, Boston, MA 02110, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled "**ADAPTIVE DEFENSE AGAINST VARIOUS NETWORK ATTACKS**," this assignment including said application, any and all United States and foreign utility patents and patent applications, including continuation, divisional, reissue, and reexamination applications, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: Weibo Gong 8/5/05
WEIBO GONG

Witnessed by:

Name: Yang Hui Date: 08/04/05

Name: Jim Zou Date: 08/04/05

DATE: _____
DON TOWSLEY

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

DATE: 08/04/05 Zou
CHANGCHUN ZOU

Witnessed by:

Name: Yang Hui Date: 08/04/05

Name: Jim Zou Date: 08/04/05

AUG 22 05 10:45a

DATE: _____

WEIBO GONG

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

DATE: 8-22-05

DON TOWSLEY

Witnessed by:

Name: Philip Conner

Date: 8/22/05

Name: Elizabeth A. Hardy

Date: 8/22/05

DATE: _____

CHANGCHUN ZOU

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____