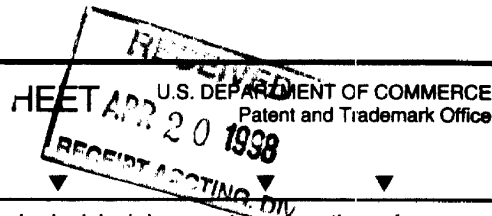


07-30-1998



100780417



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):

Evan Lee Goldstein
Lih-Yuan Lin
Adel Abdel Moneim Saleh
Jane Marie SimmonsAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

AT&T Corp.
Name: ~~AT&T Wireless Services, Inc.~~

Internal Address:

32 Avenue of the Americas
Street Address: ~~5000 Carillon Point~~New York NY 10013-2412
City: ~~Kirkland~~ State: ~~WA~~ ZIP: ~~98033~~Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Other _____

Execution Date: March 13, 1998

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)

09/002241

B. Patent No.(s)

05/11/1998 DCDATES 00000089 012745 09002241
01 FC:581 40.00 CHAdditional numbers attached? ☐ Yes ☒ No

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

Name: Mr. S. H. DworeskyInternal Address: AT&T Corp.Street Address: P.O. Box 4110City: Middletown State: NJ ZIP: 077486. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00 ✓

- ☐
- Enclosed
-
- ☒
- Authorized to be charged to deposit account

8. Deposit account number:

01-2745

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

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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.

Stephen M. Gurey

Name of Person Signing Reg. No. 27336

Signature

Goldstein 5-5-23-5

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

6Date 4/15/98

ASSIGNMENT AND AGREEMENT

For value received, we, Evan Lee Goldstein, of Princeton in the County of Mercer and State of New Jersey, Lih-Yuan Lin, of Middletown in the County of Monmouth and State of New Jersey, Adel Abdel Moneim Saleh, of Holmdel in the County of Monmouth and State of New Jersey, and Jane Marie Simmons, of Eatontown in the County of Monmouth 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 **Non-Blocking Crossconnect Apparatus** described in an application for Letters Patent of the United States, Serial No. 09/002241, filed December 31, 1997, 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 we 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.


We 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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.

We 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.

E.L. Goldstein 5-5-23-5

We agree that, when requested, we 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.



Evan Lee Goldstein

Date: March 13, 1998

United States of America)

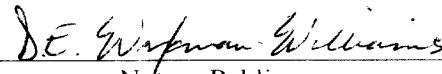
State of New Jersey) ss.:

County of Monmouth)

On this 13th day of March, 1998, before me personally came Evan Lee Goldstein, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

D. E. WORKMAN-WILLIAMS

MY COMMISSION EXPIRES
05-27-2002



Notary Public



E.L. Goldstein 5-5-23-5

Lih-Yuan Lin
Lih-Yuan Lin

Date: March 13, 1998

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 13th day of March, 19 98, before me personally came Lih-Yuan Lin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

D. E. WORKMAN-WILLIAMS

MY COMMISSION EXPIRES
05-27-2002

D.E. Workman Williams
Notary Public



E.L. Goldstein 5-5-23-5

Adel Abdel Moneim Saleh
Adel Abdel Moneim Saleh

Date: March 13, 1998

United States of America)

State of New Jersey) ss.:

County of Monmouth)

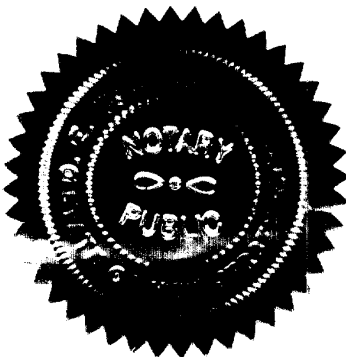
On this 13th day of March, 1998, before me personally came Adel Abdel Moneim Saleh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

D. E. WORKMAN-WILLIAMS

MY COMMISSION EXPIRES
05-27-2002

D. E. Workman-Williams

Notary Public



E.L. Goldstein 5-5-23-5

Jane Marie Simmons
Jane Marie Simmons

Date: March 13, 1998

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 13th day of March, 1998, before me personally came Jane Marie Simmons, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

D. E. WORKMAN-WILLIAMS

MY COMMISSION EXPIRES
05-27-2002

D. E. Workman-Williams
Notary Public



AT&T Corp.
P. O. Box 4110
Middletown, New Jersey 07748



Ann E. Taylor
Intellectual Property - Law

Room 4P358
200 Laurel Avenue
Middletown, NJ 07748 U.S.A.
PHONE (732) 957-3276
FAX (732) 957-4008

July 21, 1998

U.S. Patent and Trademark Office
Assignment Division
Box Assignments, CG-4
1213 Jefferson Davis Highway
Suite 320
Washington, D. C. 20231

ATTN: Joann Stewart, Examiner

RE: Serial Number 09/002241
Filed December 31, 1997

Upon checking the Notice of Recordation of Assignment Document for the above-identified patent application, we discovered that we had inadvertently used an incorrect cover sheet (PTO 1595). The Assignment itself was made to AT&T Corp. but the cover sheet used was for one of our subsidiaries, AT&T Wireless Services, Inc.

The correct information has been added to the original cover sheet, as you advised. Please correct the Patent Office records to indicate that AT&T Corp. is the true assignee for this application.

Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script that reads "Ann E. Taylor".

Ann E. Taylor
Outside Counsel Coordinator

Atts.
As stated



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 06, 1998

PTAS



100705675A

AT&T CORP.
MR. S.H. DWORETSKY
P.O. BOX 4110
MIDDLETOWN, NJ 07748

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/20/1998

REEL/FRAME: 9147/0925
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GOLDSTEIN, EVAN LEE

DOC DATE: 03/13/1998

ASSIGNOR:

LIN, LIH-YUAN

DOC DATE: 03/13/1998

ASSIGNOR:

SALEH, ADEL ABDEL MONEIM

DOC DATE: 03/13/1998

ASSIGNOR:

SIMMONS, JANE MARIE

DOC DATE: 03/13/1998

ASSIGNEE:

AT&T WIRELESS SERVICES, INC.
5000 CARILLON POINT
KIRKLAND, WASHINGTON 98033

SERIAL NUMBER: 09002241
PATENT NUMBER:

FILING DATE: 12/31/1997
ISSUE DATE:

PATENT
REEL: 9348 FRAME: 0268

9147/0925 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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REEL: 9348 FRAME: 0269