

07-22-1998

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

Foladare 72-83-91-7-14



100771192  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

Jc542 U.S. PTO  
09/115310  
07/14/98

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- New
  - Resubmission(Non-Recordation)
  - Correction of PTO Error
  - Corrective Document
- Document ID# \_\_\_\_\_  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_  
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**Conveyance Type**

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other:

U.S. Government  
(For use by U.S. Government Agencies)

- Departmental File
- Secret File

7-14-98

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)	Foladare	Mark Jeffrey Foladare	MMDDYY
Name (line 2)			6/4/98

**Second Party**

Name (line 1)	Shelley B. Goldman	Execution Date
Name (line 2)		MMDDYY
		6/8/98

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)	AT&T CORP.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)	32 Avenue of the Americas	
Address (line 2)	New York, New York 10013-2412	
Address (line 3)	U.S.A	
	City, State/Country Zip Code	

**Domestic Representative Name and Address**

Enter for the first Receiving Party only

Name (line 1)	
Address (line 1)	
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(07/21/1998 DCBATES 00000083 012745 09115310)  
01 FC:581 40.00 CH

Mail documents to be recorded with required cover sheet(s) information to:  
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PATENT  
REEL: 9315 FRAME: 0345

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U.S. Department of Commerce  
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**PATENT**

Foladare 72-83-91-7-14

**CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

<b>NAME</b>	Samuel H. Dworetsky				
<b>ADDRESS</b>	AT&T CORP. P.O. BOX 4110				
<b>CITY</b>	MIDDLETOWN	<b>STATE</b>	NEW JERSEY	<b>ZIP CODE</b>	07748-4801
<b>COUNTRY</b>	UNITED STATES			<b>FAX</b>	732-957-5505

**Pages** Enter the total number of pages of the attached conveyance document # 6  
including any attachments

**Application Number(s) or Patent Number(s)**  Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)
09 115310	

If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year  
06/04/1998

Patent Cooperation Treaty(PCT)	PCT	PCT	PCT
Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT	PCT	PCT

**Number of Properties**

Enter the total number of properties involved. # 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ \$40.00

**Method of Payment :**

Enclosed  Deposit Account

**Deposit Account**

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: 01-2745 ✓

Authorization to charge additional fees:  Yes  No

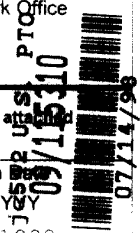
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

<b>NAME</b>	Thomas A. Restaino	<b>Reg. #</b>	33444
<b>TELEPHONE</b>	908 903 6466		
<b>SIGNATURE</b>	<i>Thomas A. Restaino</i>	<b>DATE</b>	July 14, 1998

Foladare 72-83-91-7-14

**RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter Additional Conveying Parties

Name (line 1)	David Phillip Silverman	Execution Date MMDDYYYY 06/08/1998
Name (line 2)		
Name (line 1)	Shaoqing Q. Wang	Execution Date MMDDYYYY 06/22/1998
Name (line 2)		
Name (line 1)	Robert S. Westrich	Execution Date MMDDYYYY 06/22/1998
Name (line 2)		

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
	City, State/Country Zip Code	

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Address (line 3)		
	City, State/Country Zip Code	

**Application Number(s) or Patent Number(s)**

Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)	Patent Number(s)

ASSIGNMENT AND AGREEMENT

For value received, we, Mark Jeffrey Foladare, of Kendall Park in the County of Middlesex and State of New Jersey, Shelley B. Goldman, of East Brunswick in the County of Middlesex and State of New Jersey, David Phillip Silverman, of Somerville in the County of Somerset and State of New Jersey, Shaoqing Q. Wang, of Middletown in the County of Monmouth and State of New Jersey, and Robert S. Westrich, of Middletown 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 **Method and Apparatus for Noise Cancellation** described in an application for Letters Patent of the United States, executed by us 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 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.

M.J. Foladare 72-83-91-7-14

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.

Mark Jeffrey Foladare  
Mark Jeffrey Foladare

Date: 6/4/98

United States of America )

State of New Jersey ) ss.: 156-58-1491

County of Somerset )

On this 4<sup>th</sup> day of June, 19 98, before me personally came Mark Jeffrey Foladare, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary T. Slotterback  
Notary Public  
**MARY T. SLOTTERBACK**  
**NOTARY PUBLIC**  
**STATE OF NEW JERSEY**  
COMMISSION EXPIRES 08-12-2001

M.J. Foladare 72-83-91-7-14

Shelley B. Goldman  
Shelley B. Goldman

Date: 6/8/98

United States of America )

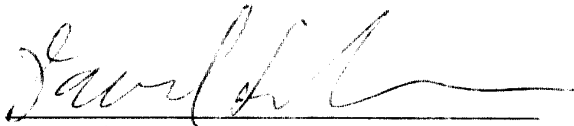
State of New Jersey ) ss.: 156-58-7491

County of Somerset )

On this 8<sup>th</sup> day of June, 1998, before me personally came Shelley B. Goldman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary T. Slotterback  
Notary Public  
**MARY T. SLOTTBACK**  
**NOTARY PUBLIC**  
**STATE OF NEW JERSEY**  
**COMMISSION EXPIRES 08-12-2001**

M.J. Foladare 72-83-91-7-14

  
David Phillip Silverman

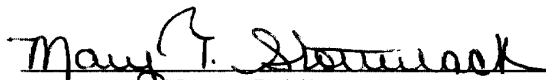
Date: 6/8/98

United States of America )

State of New Jersey ) ss.: 156-58-7491

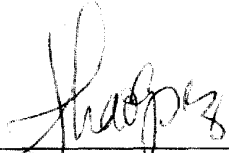
County of Somerset )

On this 8<sup>th</sup> day of June, 1998, before me personally came David Phillip Silverman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**MARY T. SLOTTBACK  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
COMMISSION EXPIRES 06-12-2001**

M.J. Foladare 72-83-91-7-14

  
\_\_\_\_\_  
Shaoqing Q. Wang


Date: 6/22/98

United States of America )

State of New Jersey ) ss.: 156-58-7911

County of Somerset )

On this 22nd day of June, 1998, before me personally came Shaoqing Q. Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**MARY T. SLOTTERBACK  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
COMMISSION EXPIRES 08-12-2001**



M.J. Foladare 72-83-91-7-14

Robert S. Westrich  
Robert S. Westrich

Date: 6/24/98

United States of America )

State of New Jersey ) ss.: 156-58-7401

County of Somerset )

On this 22nd day of June, 1998, before me personally came Robert S. Westrich, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary T. Slotterback  
Notary Public  
**MARY T. SLOTTBACK**  
**NOTARY PUBLIC**  
**STATE OF NEW JERSEY**  
**COMMISSION EXPIRES 08-12-2001**

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