	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please record the autoried original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies) Name: AT&T Corp.
Jeffrey Joseph Farah	Internal Address:
Additional name(s) of conveying party(ies) attached? ☐ Yes ♣ No 3. Nature of conveyance: MPD /3-22-58	12/2
XXI Assignment	Street Address: 32 Avenue of the Americas
☐ Security Agreement ☐ Change of Name	City: New York State: NY ZIP: 2412
Execution Date: December 17, 1998	
	Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s) 04/1999 SBURNS 00000217 012745 09219224 05:581 40:00 CH	B. Patent No.(s) B. Patent No.(s) Hached? Yes RNo 6. Total number of applications and patents involved:
concerning document should be mailed: Name: Mr. Samuel H. Dworetsky	
Internal Address: AT&T Corp.	7. Total fee (37 CFR 3.41)\$ 40.00
	Authorized to be charged to deposit account
Street Address:	8. Deposit account number:
P.O. Box 4110 City: Middletown State: NJ ZIP 07748	01-2745 (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.	
Ann E. Taylor Name of Person Signing Dec. 23, 1998 Signature Date	
Farah 7 Total number of pages including cover sheet, attachments, and document:	
Mail documents to be recorded with	reculand cover cheet information to:

01-06-1999

ASSIGNMENT AND AGREEMENT

For value received, I, Jeffrey Joseph Farah, of North Brunswick in the County of Middlesex 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 **System And Method For Multichannel Communication** 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.

PATENT REEL: 9673 FRAME: 0297 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.

Jeffred Joseph Farah

Date: 17 December, 1998

United States of America

State of) ss.:

County of

On this day of day of 1998, before me personally came Jeffrey Joseph Farah, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

)

Notary Public

CAROLYN L. HEAPS NOTARY PUBLIC OF NEW JERSEY Commission Expires 8/25/2003

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

PATENT
RECORDED: 12/22/1998 REEL: 9673 FRAME: 0298