01-27-2000 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 101252008 To the Honorable Commissioner c Please record the attached original documents or copy thereor Name of conveying party(ies): Name and address of receiving party(ies): Name: Fen-Chung Kung AT&T Corp. Jesse E. Russell Hopeton Walker Internal Address: Spencer Wang Additional name(s) of conveying party(ies) attached? YES X NO Street Address: 3. Nature of conveyance: 32 Avenue of the Americas X Assignment Merger Security Agreement Change of Name City: New York State: New York Zip: 10013-2412 Other _ Additional name(s) & address(es) attached? Execution Date: December 27 and 29, 1999 YES X 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: December 27 and 29, 1999 Patent Application No.(s): Patent No.(s): (include series code or filing date) Additional application or patent numbers attached? Name and address of party to whom correspondence concerning Total number of applications and patents involved: document should be mailed: Samuel H. Dworetsky - AT&T Corp. Name: Total Fee (37 CFR 3.41) P.O. Box 4110 Address: X_ Enclosed Authorized to charge Deposit Account 19-0733 Middletown City: Should any fee adjustment be necessary to effect proper State: New Jersey Zip: 07748 recordation, please debit or credit our Deposit Account No. 19-0733, as necessary DO NOT USE THIS SPACE 01/11/2000 LMSHING 00000030 09475295 02 FC:581 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. Thomas H. Jackson, Reg. No. 29,808 Name of Person Signing Atty. Docket No.: 3493,82503

IDS 1999-0315

PATENT REEL: 010498 FRAME: 0028

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

ASSIGNMENT AND AGREEMENT

For value received, we, Fen-Chung Kung, of Bridgewater in the County of Somerset and State of New Jersey, Jesse Eugene Russell, of Piscataway in the County of Middlesex and State of New Jersey, Hopeton Walker, of Haledon in the County of Passaic and State of New Jersey and Spencer Wang, of Parsippany in the County of Morris 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 Personal User Network (Closed User Network) Pun,Cun described in an application for Letters Patent of the United States, 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 applications 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 designated.

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.

PATENT REEL: 010498 FRAME: 0029

IDS 1999-0315

Fen-Chung Kung

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Date: $\frac{12/21/99}{}$

United States of America)

State of New Tersey) ss:

County of Morris)

On this 374 day of 164 day of 1999, before me personally came Fen-Chung Kung, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

	Ì	Jesse Eugene I	ugene tussel
Date: 12/27/99			
United States of America)		
State of IVlew Versey) ss:		
County of Poyris)		
On this <u>27-22</u> day of _ personally came Jesse Eugene Russell, to executed the foregoing instrument, and ac	me known to be	the individual	described in and who
		Notary	Public Public
		i de la companya de l	

	Heperton Waller
	Hopeton Walker
Date: 12-29-1999	
United States of America)
District State of Columbia) ss:
Gounty of Washington, D.C.)
-	of
	Caroly N. heur
	Notary Public CAROLYN V. LEWIS Notary Public District of Octombia
	My Commission Expires April 30, 2003

	~ <	Sm	
Date: $\frac{12/27}{99}$	2	Spencer Wang	
United States of America)		
State of Men Jarsey) ss:		
County of Morris)		
On this <u>1772</u> day of day of to me knowledge the foregoing instrument, and acknowledge	wn to be the in	dividual described	,19 <u>99</u> , before me in and who executed
		Notary I	Public Public
		MANOR (on the state of th

RECORDED: 12/30/1999