



08-28-2002

Att. Docket No. 2455-4531



IEET

102203843

To The Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): James Anthony Schmitt Luiz Antonio Vitoria Ken Ambs Dicky Chi Kwong Yan Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies): Name: AT&T CORP. 32 Avenue of the Americas Address: New York, New York 10013-2412 Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Other Execution Date(s): 7/24/02, 7/31/02, 8/6/02, and 7/29/02	4. Patent Application number(s) 09/215,433 Execution Date(s):
5. Name and address of party to whom correspondence concerning document should be mailed: Name: James Hwa Address: Morgan & Finnegan, L.L.P. 345 Park Avenue New York, NY 10154-0053	6. Total number of applications involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> A check in the amount of \$40.00 is enclosed. <input type="checkbox"/> Charge to Deposit Account No. 13-4503, Order No. ____ <input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 13-4500 No. 2455-4531 a duplicate copy of this sheet is enclosed)

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8. 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 original document.

Name of Person Signing James Hwa Reg. No. 42,680	Signature Total no. of pages including cover sheet, attachments and document: 6	Date: 8/22/02
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Mail documents to be recorded with required cover sheet information to:

08/27/2002 LMUELLER 00000269 09215433

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Commissioner for Patents
Washington, DC 20231

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Docket No. Cwilich 1-1-5-1 (2455-4531)

ASSIGNMENT AND AGREEMENT

For value received, we, **James Anthony Schmitt**, of Little Silver in the County of Monmouth and State of New Jersey, **Luiz Antonio Vitoria**, of Martinsville in the County of Somerset and State of New Jersey, **Ken Ambs**, of Pennington in the County of Mercer and State of New Jersey, and **Dicky Chi Kwong Yan**, of Clinton in the County of Hunterdon 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, hereinafter collectively AT&T, the entire right, title and interest, for the United States of America, in and to certain inventions related to **OPTIMIZING RESTORATION CAPACITY** described in an application for Letters Patent of the United States having serial no. **09/215,433**, filed on **December 17, 1998**, 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 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 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.

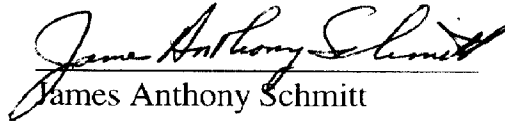
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of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

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

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

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

Docket No. Cwilich 1-1-5-1 (2455-4531)


James Anthony Schmitt

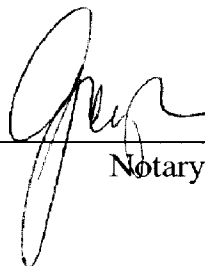
Date: July 24, 2002

United States of America)

State of NJ) ss.:

County of Monmouth)

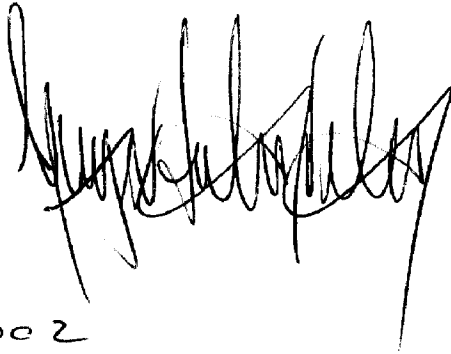
On this 24th day of July, 2002, before me personally came **James Anthony Schmitt**, to me known to be the individual described in and who executed the foregoing instruments, and acknowledged execution of the same.



Notary Public

G. C. WRIGHT
NOTARY PUBLIC OF NEW JERSEY
My Comm. Expires Oct 21, 2004

Docket No. Cwilich 1-1-5-1 (2455-4531)



Luiz Antonio Vitoria


Date: 07/31/2002

United States of America)

State of *New Jersey*) ss.:

County of *Union*)

On this 31 day of July, 2002, before me personally came **Luiz Antonio Vitoria**, to me known to ~~be the~~ individual described in and who executed the foregoing instruments, and acknowledged execution of the same.



Notary Public

SHARON S. STOLLERMAN
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 04/22/04

Docket No. Cwilich 1-1-5-1 (2455-4531)

Ken Ambs

Date: August 6, 2002

United States of America)

State of N.J.) ss.: 198-60-8721

County of Mercer)

On this 6 day of August, 2002, before me personally came **Ken Ambs**, to me known to be the individual described in and who executed the foregoing instruments, and acknowledged execution of the same.

Notary Public

Patty Jo Zackowski

Notarial Seal
Patty Jo Zackowski, Notary Public
Yardley Boro, Bucks County
My Commission Expires Nov. 13, 2004

Docket No. Cwilich 1-1-5-1 (2455-4531)



Dicky Chi Kwong Yan

Date: 7/29/02

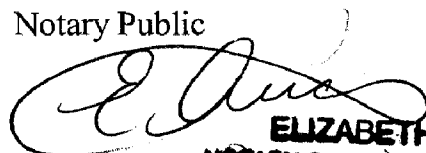
United States of America)

State of New Jersey) ss.:

County of Hunterdon)

On this 29th day of July, 2002, before me personally came **Dicky Chi Kwong Yan**, to me known to be the individual described in and who executed the foregoing instruments, and acknowledged execution of the same.

Notary Public



ELIZABETH ARIAS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires June 21, 2006