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To the Honorable Assistant Commi

ginal documents or copy thereof.

1. Name of conveying party(ies):

Ye Li

Name: AT&T Corp.

Internal Address: _____

Street Address: 32 Avenue of the Americas

City: New York State: New York ZIP:- 10013-2412

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: December 20, 1999

Additional name(s) & address(es) attached? Yes No

JCS42 U.S. PTO
09/469482
12/22/99

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 20, 1999

A. Patent Application No

B. Patent No. (s)

Additional numbers attached? Yes No

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

Name: Mr. Samuel H. Dworetzky

Street Address: AT&T Corp.
P.O. Box 4110

City: Middletown State: New Jersey ZIP: 07748-4110

6. Total number of applications and patents involved: 1

7. 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)

01/13/2000 DNGUYEN 00000323 012745 09469482

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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.

Ann E. Taylor
Name of Person Signing

Ann E. Taylor
Signature

Dec. 22 1999
Date

Docket No. 1999-0296

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments
Washington, D. C. 20231

PATENT
REEL: 010481 FRAME: 0587

ASSIGNMENT AND AGREEMENT

For value received, I, Ye Li, of Holmdel 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 **Methods And Systems For Symbol Estimation In A Receiver** 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 applications 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 applications 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.

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.

Date: 12/20/99

Ye Li
Ye Li

United States of America)

State of New Jersey)ss:

County of Monmouth)

On this 20th day of December, 1999, before me personally came Ye Li, 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

Danielle Workman-Williams
Notary Public

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

