

06-05-2001



SHEET

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

<p>1. Name of conveying party(ies):</p> <p>Ye Li <i>05/21/01</i></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>AT&T Corp.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>32 Avenue of the Americas</u></p> <p>City: <u>New York</u> State: <u>New York</u> ZIP:- <u>10013-2412</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: <u>May 7, 2001</u></p>	
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is <u>May 8, 2001</u></p> <p>A. Patent Application No <i>09/861811</i> B. Patent No. (s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
<p>Name: <u>Mr. Samuel H. Dworesky</u></p> <p>Street Address: <u>AT&T Corp.</u> <u>P.O. Box 4110</u></p> <p>City: <u>Middletown</u> State: <u>New Jersey</u> ZIP: <u>07748-4110</u></p>	<p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>01-2745</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>

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 *Ann E. Taylor* *May 21, 2001*
Name of Person Signing Signature Date

Docket No. 1999-0759A Total number of pages including cover sheet, attachments, and document: 3

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

PATENT
REEL: 011848 FRAME: 0991

U.S. PTO
09/861811
05/21/01

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 **Channel Estimation For Wireless Systems With Multiple Transmit Antennas** 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.

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.



Ye Li

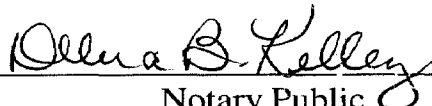
Date: May 07, 2001

United States of America)

State of Georgia)ss:

County of Cobb)

On this 7th day of May, 2001, 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.



Notary Public
expires on 11/4/02

AT&T Corp.
P.O. Box 4110
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