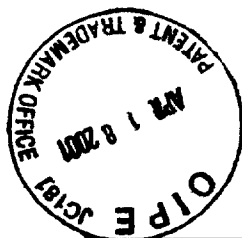


Docket Number: 113611

05-07-2001

U.S. Department of Commerce
Patent and Trademark Office

PATENT

101704052
PATENTS ONLY

4/18/01

TO: The Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission(Non-Recordation)

Document ID#

- ☐ Correction of PTO Error
 Reel # Frame #

- ☐ Corrective Document
 Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other:

U.S. Government

(For use by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Cimini Jr., Leonard Joseph

Execution Date

MMDDYYYY

Name (line 2)

03/15/2001

Second Party

Name (line 1) McNair, Bruce Edwin

Execution Date

MMDDYYYY

Name (line 2)

03/15/2001

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) AT&T Corp.

Name (line 2)

Address (line 1) 32 Avenue of the Americas

Address (line 2) New York, New York 10013-2412

Address (line 3) United States of America

City, State/Country Zip Code

- ☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name (line 1)

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

05/07/2001 JJALLAH2 00000007 012745 09311562

01 FC:581

40.00 CH

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

PATENT
 REEL: 011749 FRAME: 0182

Docket Number: 113611

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT**CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME	Samuel H. Dworetsky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America	FAX	732-368-6932		

Pages Enter the total number of pages of the attached conveyance document #
including any attachments

Application Number(s) or Patent Number(s) ☐ Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/311562

If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment :

Enclosed ☐ Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: 01-2745

Authorization to charge additional fees: ☒ Yes ☐ No**STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

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.

NAME Benjamin S. Lee

TELEPHONE 908-221-5438

SIGNATURE

DATE 04/16/2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 04/16/2001

Type or Printed Name

T. Phillips

Signature

T. Phillips

Date

04/16/2001

SEND TO: Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011749 FRAME: 0183

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Leonard Joseph Cimini Jr. of Howell in the County of Monmouth County and State of New Jersey, and Bruce Edwin McNair of Holmdel in the County of Monmouth County and State of New Jersey, hereby sells, assigns and transfers 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, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

Method For Estimating Time And Frequency In An OFDM System

described in an application for Letters Patent for the United States of America,

☐ for which an application for a United States Patent was executed on _____

☒ for which an application for a United States Patent was filed on 05/14/1999 Application Number 09/311562,

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 the undersigned 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.

The undersigned 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 the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned 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.

The undersigned 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.

The undersigned agree that, when requested, the undersigned 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.

Leonard Joseph Cimini Jr.
Leonard Joseph Cimini Jr.

Date: 3-15-01

United States of America)

State of NEW JERSEY) ss.:

County of MONMOUTH)

On this 15th day of March, 2001 before me personally came Leonard Joseph Cimini Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Susann R Miller
Notary Public

Susann R Miller
Notary Public of New Jersey
My Commission Expires 07 23 2004

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110



Bruce Edwin McNair
Bruce Edwin McNair

Date: 3-15-01

United States of America)
State of NEW JERSEY) ss.:
County of MONMOUTH)

On this 15th day of March, 2001 before me personally came Bruce Edwin McNair, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Susann R Miller
Notary Public

Susann R Miller
Notary Public of New Jersey
My Commission Expires 07 23 2004

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

