

FORM PTO-1619A  
OMB 0651-0027

12-20-1999

U.S. Department of Commerce  
Patent and Trademark Office

PATENT

MD



101227871

12-2-44

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks : 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 ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Attorney Docket No: 085710.P025, P027

Conveying Party (ies)

☐ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (1st party) TUT SYSTEMS, INC.

11.12.1999

Name (2nd party) a Corporation of California

Name (3rd party)

Name (4th party)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) TUT SYSTEMS, INC.

Name (line 2) a corporation of Delaware

Address (line 1) 2495 Estand Way

Address (line 2)

Address (line 3) Pleasant Hill

CA

94523

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

(Complete only if receiving party is not domiciled in the United States)

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

2/20/1999 TT0N11 00000046 5963595

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Mail documents to be recorded with required cover sheet(s) information to:  
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PATENT

REEL: 010437 FRAME: 0352

**Correspondent Name and Address**

**Area Code and Telephone Number** (408) 720-3478

Name Andre L. Marais

Address (line 1) BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Address (line 2) 12400 Wilshire Boulevard, 7th Floor

Address (line 3) Los Angeles, CA 90025

Address (line 4) \_\_\_\_\_

**Pages**

Enter the total number of pages of the attached conveyance document.

# 2

**Application Number (s) or Patent Number (s)**

☐ Mark if additional numbers 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)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5,963,595

5,963,539

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Month Day Year

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

\_\_\_\_\_

**Patent Cooperation Treaty (PCT)**

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

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 2

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41):**

\$ 80.00

Method of Payment:

Deposit Account

Enclosed ☒

Deposit Account ☐

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

**Deposit Account Number:** # 02-2666

**Authorization to charge additional fees:**

Yes ☒

No ☐

**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. Charges to deposit account are authorized, as indicated herein.*

Edwin H. Taylor

25,129

Name of Person Signing

Registration No.

Signature

Date

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

NUNC PRO TUNC ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TUT SYSTEMS, INC., a California corporation ("Assignor"), hereby sells, assigns, transfers and conveys, nunc pro tunc, effective September 29, 1998 to TUT SYSTEMS, INC., a Delaware corporation ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to:

(1) any and all improvements disclosed in United States Patent No. 5,963,539 entitled:

**METHOD AND APPARATUS FOR DETECTING COLLISIONS ON A NETWORK**

(2) all original and reissued Letters Patents that have been or shall be issued in the United States and in all foreign countries on any of said improvements; and in and to all divisional, continuing, reissue, extension, substitution and renewal applications, and all other patent applications that have been filed or shall be filed in the United States and in any foreign countries, on any of said improvements; and in and all rights of priority attaching to said improvements; and

(3) all proceeds of said Letters Patents (including but not limited to, all license royalties and proceeds of infringements suites); and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of said Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives,

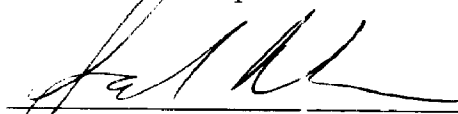
each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which could conflict with this assignment, and that full right to convey said rights, titles and interest is processed by the Assignor.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Pleasant Hill, this 12th day of November, 1999.

TUT SYSTEMS, INC.,  
a California Corporation

  
\_\_\_\_\_  
Signature

Name: Salvatore D'Auria  
Title: President

NUNC PRO TUNC ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TUT SYSTEMS, INC., a California corporation ("Assignor"), hereby sells, assigns, transfers and conveys, nunc pro tunc, effective September 29, 1998 to TUT SYSTEMS, INC., a Delaware corporation ("Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to:

(1) any and all improvements disclosed in United States Patent No. 5,963,595 entitled:

**METHOD AND APPARATUS FOR ENCODING AND DECODING  
A BIT SEQUENCE FOR TRANSMISSION OVER POTS WIRING**

(2) all original and reissued Letters Patents that have been or shall be issued in the United States and in all foreign countries on any of said improvements; and in and to all divisional, continuing, reissue, extension, substitution and renewal applications, and all other patent applications that have been filed or shall be filed in the United States and in any foreign countries, on any of said improvements; and in and all rights of priority attaching to said improvements; and

(3) all proceeds of said Letters Patents (including but not limited to, all license royalties and proceeds of infringements suites); and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of said Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit of their successors, assigns and legal representatives,

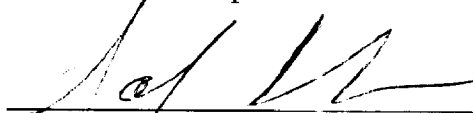
each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which could conflict with this assignment, and that full right to convey said rights, titles and interest is processed by the Assignor.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Pleasant Hill, this 12th day of November, 1999.

TUT SYSTEMS, INC.,  
a California Corporation



Signature

Name: Salvatore D'Auria

Title: President