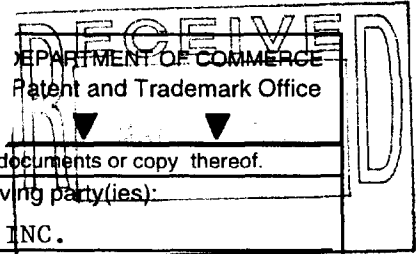


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FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
Tab settings

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

1. Name of conveying party(ies):

TUT SYSTEMS, INC.

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

2. Name and address of receiving party(ies):
Name: TUT SYSTEMS, INC.
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: March 22, 1999

Street Address: 2495 Estand Way
City Pleasant Hill State CA ZIP 94523
Additional name(s) & address(es) attached? Yes No

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:
A. Patent Application No.(s)
5,283,807


B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman
Internal Address: _____
Street Address: 12400 Wilshire Blvd.
7th Floor
City: Los Angeles State: CA ZIP: 90025

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:
02-2666
(Attach duplicate copy of this page if paying by deposit account)

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.
Dag H. Johansen. Reg. 36,172  5/10/99
Name of Person Signing Signature Date
Total number of pages comprising cover sheet, attachments, and document: 2

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

Attorney Docket No.: 85710.P007

LJV/ccm (1/31/96)

05/20/1999 MTHA11 00000227 5283807

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40.00 DP

PATENT
REEL: 009968 FRAME: 0063

NUNC PRO TUNC ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TUT SYSTMES, 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. 5,283,807 entitled:

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(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 22nd day of March, ~~1998~~ ¹⁹⁹⁹.

TUT SYSTEMS, INC.
a California Corporation



Signature

Name: Salvatore D'Auria
Title: President