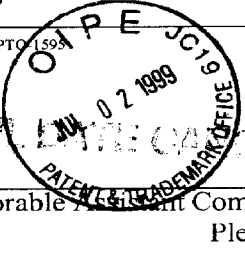


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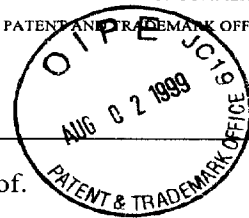
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



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

1. Name of conveying party(ies):
**MICHAEL P. MORIARTY
THANH T. TRAN**
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: COMPAQ COMPUTER CORPORATION
Internal Address: PO BOX 692000
Street Address: 20555 ST. HIGHWAY 249,
BUILDING CCA 11
City: HOUSTON State: TX Zip: 77070
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: **July 7, 1999 and July 16, 1999**

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).
09191917

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: David R. Clonts
Internal Address: Akin, Gump, Strauss, Hauer & Feld, LLP
Street Address: 711 Louisiana, Suite 1900, South Tower
City: Houston State: TX Zip: 77002

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. § 3.41) \$ 40
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
16-2435
(Attach duplicate copy of this page if paying by deposit account)

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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.

George W. Jordan III
George W. Jordan III Reg. No. 41,880

7/30/99
Date

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

ASSIGNMENT

WHEREAS, we, MICHAEL P. MORIARTY and THANH T. TRAN, are joint inventors of DIGITAL TELEVISION DATA FORMAT CONVERSION WITH AUTOMATIC PARITY DETECTION application for United States Letters Patent application Serial No. 09/191,917, filed November 13, 1998; and

WHEREAS, COMPAQ COMPUTER CORPORATION, a corporation created and existing under and by virtue of the laws of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by COMPAQ COMPUTER CORPORATION and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to COMPAQ COMPUTER CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by COMPAQ COMPUTER CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to COMPAQ COMPUTER CORPORATION, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to COMPAQ COMPUTER CORPORATION, its successors, assigns, or other legal representatives and that if COMPAQ COMPUTER CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to COMPAQ COMPUTER CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other

litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

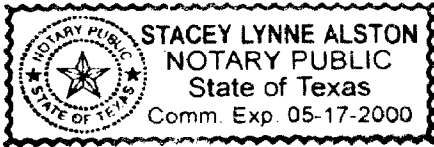
EXECUTED THIS 7 day of July, 1999.

Michael P. Moriarty
MICHAEL P. MORIARTY

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared MICHAEL P. MORIARTY, known to be to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 7th day of July, 1999.



Stacey Lynne Alston
NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS

* * * * *

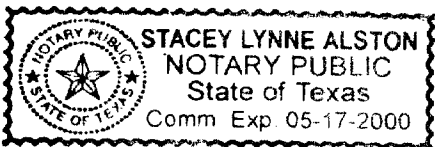
EXECUTED THIS 16th day of July, 1999.

Thanh T. Tran
THANH T. TRAN

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared THANH T. TRAN, known to be to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 16th day of July, 1999.



Stacey Lynne Alston
NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS