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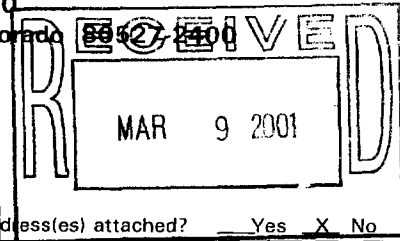
101645756

1. Name of conveying party(ies):

Tracy J. Evans
Dale R. Magnuson
Derek J. Whiteside
Susan L. Wechsler
Tracy A. Lang
Richard Hollon, Jr.

2. Name and address of receiving party(ies):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400



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

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

Assignment Merger Change of Name
 Security Agreement Other

Execution Date(s): 10/13/00,10/16/00,10/13/00,10/16/00,10/17/00,10/16/00,10/16/00,10/13/00; Respectively.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No.: 09/766,007 Date Filed: Jan. 18, 2001

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Records Manager
HEWLETT-PACKARD COMPANY
JODI RAPPE --- Legal Dept.
1000 NE Circle Blvd
Corvallis OR 97330

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

Enclosed
 Authorization to be charged to deposit account.

8. Deposit Account Number: 08-2025

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.

JODI RAPPE'

Name of Person Signing

Signature

Mar 07, 2001

Date

Total number of pages including cover sheet, attachments, and document: 8

OMB No. 0651-0011 (exp. 4/94)

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Mail document to be recorded with required cover sheet information to:

Commissioner for Patents
Box Assignment
Washington, D.C. 20231

03/22/2001 LMUELLER 00000141 082025 09766007

01 FC:581 40.00 CH

PATENTS ONLY

Attorney Docket No. 10001946-1

1. Name of conveying party(ies):

Daniel L. Severns
Mammie C. Lee

2. Name and address of receiving party(ies):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

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Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10001946-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Efficient Data Transfer During Computing System Manufacturing And Intallation

Filing date: January 18, 2001 Serial No.: 09/766,007

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HP;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct HP attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

[Handwritten Signature]
Inventor's Signature (Seal)

Date Assignment Signed: 10-13-00

Inventor's Typed Name: Tracy J Evans

Date Application Signed: 10-13-00

State of Oregon)
County of Benton) ss.:

Before me this 13th day of October, 2000, personally appeared Tracy J Evans who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



[Handwritten Signature: Teresa K. Tuma]
Notary Public
My commission expires:

When recorded please return to:
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Dale Magnus
Inventor's Signature (Seal) Date Assignment Signed: 10/16/2000

Inventor's Typed Name: Dale R Magnuson Date Application Signed: 10/16/2000

State of Oregon)
County of Benton) ss.:

Before me this 16th day of October 2000, personally appeared Dale R Magnuson who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

Derek J Whiteside
Inventor's Signature (Seal) Date Assignment Signed: 10/13/00

Inventor's Typed Name: Derek J Whiteside Date Application Signed: 10/13/00

State of Oregon)
County of Benton) ss.:

Before me this 13th day of October 2000, personally appeared Derek J Whiteside who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

Susan L Wechsler
Inventor's Signature (Seal) Date Assignment Signed: 10/16/00

Inventor's Typed Name: Susan L Wechsler Date Application Signed: 10/16/00

State of Oregon)
County of Benton) ss.:

Before me this 16th day of Oct. 2000, personally appeared Susan L Wechsler who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

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Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Tracy A. Lang
Inventor's Signature (Seal) Date Assignment Signed: 10-17-00

Inventor's Typed Name: Tracy A. Lang Date Application Signed: 10-17-00

State of Oregon)
County of Benton) ss.:

Before me this 17th day of October, 2000, personally appeared Tracy A. Lang who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

Richard Hollon, Jr.
Inventor's Signature (Seal) Date Assignment Signed: 10/16/00

Inventor's Typed Name: Richard Hollon, Jr. Date Application Signed: 10/16/00

State of Oregon)
County of Benton) ss.:

Before me this 16th day of Oct. 2000, personally appeared Richard Hollon, Jr. who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



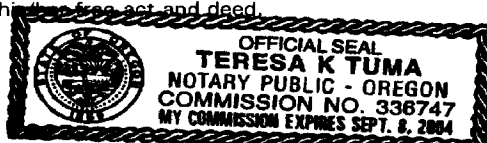
Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

Daniel L. Severns
Inventor's Signature (Seal) Date Assignment Signed: 10/16/00

Inventor's Typed Name: Daniel L. Severns Date Application Signed: 10/16/00

State of Oregon)
County of Benton) ss.:

Before me this 16th day of October 2000, personally appeared Daniel L. Severns who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

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Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Mammie C. Lee Date Assignment Signed: 10-13-2000
Inventor's Signature (Seal)

Inventor's Typed Name: Mammie C. Lee Date Application Signed: 10-13-2000

State of Oregon)
County of Benton) ss.:

Before me this 13th day of October, 2000, personally appeared Mammie C. Lee who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Teresa K. Tuma
Notary Public
My commission expires: 9-8-2004

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____

Inventor's Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires: _____