

FORM PTO-1595

1-31-92

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

Attorney Docket No. 10014206-1

1. Name of conveying party(ies):

BRADENBERGER, Sarah Morris

MUNDEN, Terrel

JEDWAB, Jonathan

DAVIS, James A.

BANKS, David

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

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

20555 SH 249

Houston, TX 77070

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Security Agreement☐ Other

Execution Date(s): 11/26/03; 12/17/03; 11/27/03; 1/28/04, 12/4/03

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)

Application No.: 10/767,188

Date Filed: 1/29/2004

Confirmation No.: 4654

Additional numbers attached? NO

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

Records Manager

Intellectual Property Administration

HEWLETT-PACKARD COMPANY

P.O. Box 272400

Fort Collins, Colorado 80527-2400

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 account8. Deposit Account Number: 08-2025

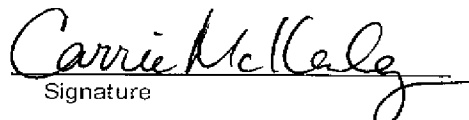
DO NOT USE THIS SPACE

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.

Carrie McKerley

Name of Person Signing



Signature

Aug 16, 2004

Date

Total number of pages including cover sheet, attachments, and document: 6

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

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Mail Stop Assignment Recordation Services

Director of the US Patent and Trademark Office

PO Box 1450

Alexandria, VA 22313-1450

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

PATENT APPLICATIONATTORNEY DOCKET NO. 10014206-1**ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, 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:

SYSTEM AND METHOD FOR CONFIGURING A SOLID-STATE STORAGE DEVICE WITH ERROR CORRECTION CODINGFiling date: January 29, 2004Application No.: 10/767,188

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 HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, 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 HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, 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 HPDC, 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 HPDC;

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 HPDC, 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 the attorneys of record 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):

Sarah Morris Bradenberger
Inventor's Signature (Seal)

Date Assignment Signed: 11-26-03Inventor's Typed Name: Sarah BradenbergerDate Application Signed: 11-26-03

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Sarah Bradenberger 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:

When recorded please return to:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014206-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, 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:

SYSTEM AND METHOD FOR CONFIGURING A SOLID-STATE STORAGE DEVICE WITH ERROR CORRECTION CODING

Filing date: January 29, 2004Application No.: 10,767,188

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 HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, 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 HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, 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 HPDC, 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 HPDC;

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 HPDC, 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.

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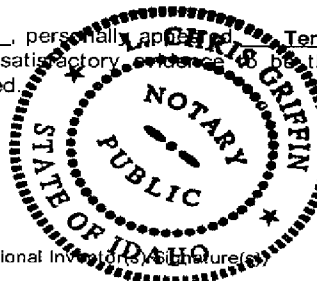
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Terrel Munden Date Assignment Signed: 12/17/03
Inventor's Signature (Seal)

Inventor's Typed Name: Terrel Munden Date Application Signed: 12/17/03

State of Idaho)
County of Ada) ss.:

Before me this 17 day of Dec. 2003, personally appeared Terrel Munden 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.



L. Chris Griffin
Notary Public
My commission expires: 3/24/09

When recorded please return to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
P. O. Box 272400
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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 HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, 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 HPDC, 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 HPDC;

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 HPDC, 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.

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

[Signature] Date Assignment Signed: 27 November 2003
Inventor's Signature (Seal)

Inventor's Typed Name: Jonathan Jedwab Date Application Signed: 27 November 2003

PROVINCIAL
State of B.C.)
City of VANCOUVER) ss.:
County of

Before me this 27th day of November, 2003, personally appeared Jonathan Jedwab 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.

Shirley M. Manfron
Notary Public
#3 2445 East Hastings Street
Vancouver, B.C., V5K 1Y8
(Use Page Two for Additional Inventor(s) Signature(s))

[Signature]
Notary Public
My commission expires: non-expiring

When recorded please return to:

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

PATENT APPLICATION**ATTORNEY DOCKET NO. 10014206-1****ASSIGNMENT OF PATENT APPLICATION**

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

Inventor's Signature (Seal)

Date Assignment Signed: January 28, 2004Inventor's Typed Name: James DavisDate Application Signed: January 28, 2004State of Virginia

) ss.:

County of Richmond

Before me this 28 day of January 2004, personally appeared James Davis 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: 09-30-05

When recorded please return to:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014206-1

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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 HPDC, 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.

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


Inventor's Signature (Seal)Date Assignment Signed: 4th DECEMBER 2003Inventor's Typed Name: David BanksDate Application Signed: 4th DECEMBER 2003State of _____) ss.:
County of _____)

Before me this ____ day of _____, personally appeared David Banks 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 _____