

12-17-1999

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Serial Docket No. 10990595-1

1. Name of conveying party(ies):

Phillip W. Barth

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

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80528-9599

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): 10/7/99

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.: 09/386,015 Date Filed: Aug. 30, 1999

Additional numbers attached? NO

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

Records Manager
HEWLETT-PACKARD COMPANY
Legal Department
1000 NE Circle Blvd., m/s 422B
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

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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.

Shellie Schiel

Name of Person Signing

Signature

Nov 19, 1999

Date

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

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

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09386015
082025
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12/16/1999 TTDN11
01 FC:561

PATENT
REEL: 010436 FRAME: 0717

When recorded please return to:
HEWLETT-PACKARD COMPANY
Legal Department, 20BN
P. O. Box 103C1
Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10990595-1

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:

High Print Quality InkJet Printhead

Filing date: August 30, 1999 Serial No.: 09/386,015

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):

[Signature] Date Assignment Signed: 10-11-99
Inventor's Signature (Seal)

Inventor's Typed Name: Todd A. Cleland Date Application Signed: 10-11-99

State of Oregon)
County of Benton) ss.:

Before me this 11th day of October, 1999, personally appeared Todd A. Cleland 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.



[Signature]
Notary Public
My commission expires: 1/21/02

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Legal Department, 20BN
P. O. Box 10301
Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10990595-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Robert C Maze Date Assignment Signed: 10-4-99
Inventor's Signature (Seal)

Inventor's Typed Name: Robert C Maze Date Application Signed: 10-4-99

State of Oregon)
County of Washington) ss.:

Before me this 4th day of October 1999, personally appeared Robert C Maze 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



Shellie Schiel
Notary Public
My commission expires: 1/21/02

Michael D. Miller Date Assignment Signed: 10/11/99
Inventor's Signature (Seal)

Inventor's Typed Name: Michael D. Miller Date Application Signed: 10/11/99

State of Oregon)
County of Washington) ss.:

Before me this 11th day of October 1999, personally appeared Michael D. Miller 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.



Shellie Schiel
Notary Public
My commission expires: 1/21/02

Rama Prasad Date Assignment Signed: 9/30/99
Inventor's Signature (Seal)

Inventor's Typed Name: Rama Prasad Date Application Signed: 9/30/99

State of Oregon)
County of Washington) ss.:

Before me this 3rd day of Sept. 1999, personally appeared Rama Prasad 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.



Shellie Schiel
Notary Public
My commission expires: 1/21/02

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PATENT APPLICATION

ATTORNEY DOCKET NO. 10990595-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Robert N.K. Browning
Inventor's Signature (Seal) Date Assignment Signed: 11/15/99

Inventor's Typed Name Robert N.K. Browning Date Application Signed: 11/15/99

State of Oregon)
County of Franklin) ss.:

Before me this 15th day of November 1999, personally appeared Robert N.K. Browning 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.



Shellie Schiel
Notary Public
My commission expires: 1/21/02

Dale R. Oughton
Inventor's Signature (Seal) Date Assignment Signed: 9/30/99

Inventor's Typed Name Dale R. Oughton Date Application Signed: 9/30/99

State of Oregon)
County of Franklin) ss.:

Before me this 30th day of September 1999, personally appeared Dale R. Oughton 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.



Shellie Schiel
Notary Public
My commission expires: 1/21/02

Joseph M. Torgerson
Inventor's Signature (Seal) Date Assignment Signed: 11/15/99

Inventor's Typed Name Joseph M. Torgerson Date Application Signed: 11/15/99

State of Oregon)
County of Franklin) ss.:

Before me this 15th day of Nov 1999, personally appeared Joseph M. Torgerson 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.



Shellie Schiel
Notary Public
My commission expires: 1/21/02

(Use Next Page For Additional Inventor(s) Signature(s))

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Palo Alto, California 94303-0890

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

[Signature] Date Assignment Signed: 10/4/99
Inventor's Signature (Seal)

Inventor's Typed Name: Kenneth D. Saul Date Application Signed: 10/4/99

State of Oregon)
) ss.:
County of Tillamook)

Before me this 4th day of October, 1999, personally appeared Kenneth D. Saul 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.



[Signature]
Notary Public
My commission expires: 1/21/02

[Signature] Date Assignment Signed: 10/19/99
Inventor's Signature (Seal)

Inventor's Typed Name: Michael B. Hager Date Application Signed: 10/19/99

State of Oregon)
) ss.:
County of Tillamook)

Before me this 19th day of October, 1999, personally appeared Michael B. Hager 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.



[Signature]
Notary Public
My commission expires: 1/21/02

[Signature] Date Assignment Signed: 11/16/99
Inventor's Signature (Seal)

Inventor's Typed Name: Douglas M. Collins Date Application Signed: 11/16/99

State of Oregon)
) ss.:
County of Tillamook)

Before me this 16th day of Nov., 1999 personally appeared Douglas M. Collins 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.



[Signature]
Notary Public
My commission expires: 1/21/02

Rev 06/99 (Assign.2)

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PATENT APPLICATION

ATTORNEY DOCKET NO. 10990595-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

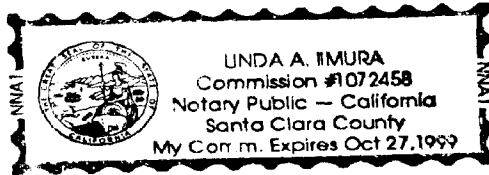
IN WITNESS WHEREOF, I we hereunto set my our hand(s) and seal(s)

[Signature]
Inventor's Signature (Seal) _____ Date Assignment Signed: 10-7-99

Inventor's Typed Name: Leslie A. Field _____ Date Application Signed: 10-7-99

State of California)
County of Santa Clara) ss.:

Before me this 7th day of October 1999, personally appeared Leslie A. Field 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



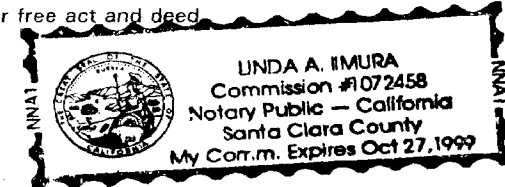
[Signature]
Notary Public
My commission expires: 10/27/99

[Signature]
Inventor's Signature (Seal) _____ Date Assignment Signed: 10/7/99

Inventor's Typed Name: Storrs T. Hoen _____ Date Application Signed: 10/7/99

State of California)
County of Santa Clara) ss.:

Before me this 7th day of October 1999, personally appeared Storrs T. Hoen 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



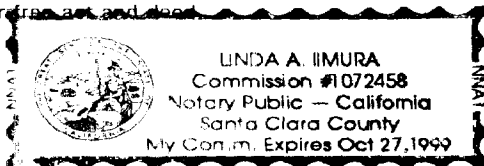
[Signature]
Notary Public
My commission expires: 10/27/99

[Signature]
Inventor's Signature (Seal) _____ Date Assignment Signed: 10/7/99

Inventor's Typed Name: Phillip W. Barth _____ Date Application Signed: 10/7/99

State of California)
County of Santa Clara) ss.:

Before me this 5th day of October 1999, personally appeared Phillip W. Barth 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



[Signature]
Notary Public
My commission expires: 10/27/99

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