

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Serial Number previously recorded on Reel 008181 Frame 0900. Assignor(s) hereby confirms the assignment of assignors interest.

CONVEYING PARTY DATA

Name	Execution Date
Wen-Li Su	07/23/1996
Trudy L. Benjamin	07/23/1996
Steven B. Elgee	07/22/1996
Thomas F. Uhling	07/23/1996
Bruce A. Axten	07/23/1996
Kerry J. Lundsten	07/23/1996
Xiuting C. Man	07/23/1996
Tamara L. Hahn	07/19/1996
Iue-Shuenn Chen	07/19/1996
Michael T. Dangelo	07/17/1996
Bryan D. Woll	07/19/1996
Timothy L. Weber	07/02/1996
James W. Pearson	07/02/1996

RECEIVING PARTY DATA

Name:	Hewlett-Packard Company
Street Address:	3000 Hanover Street
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	08687000

CORRESPONDENCE DATA

Fax Number: (303)297-2266

501005896

PATENT
REEL: 023467 FRAME: 0333

CH \$40.00 08687000

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (303) 298-9888
Email: angela.g.roussel@hp.com
Correspondent Name: Hewlett-Packard Company
Address Line 1: 3404 E. Harmony Road
Address Line 2: Intellectual Property Administration
Address Line 4: Fort Collins, COLORADO 80527

ATTORNEY DOCKET NUMBER:	10950840-1
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NAME OF SUBMITTER:	Angela Troussel
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Total Attachments: 11

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1-31-92

10-22-1996

DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECEIVED
RECORD

OCT 15 1996



100292280

1. Name of conveying party(ies) **RECEIPT ACTING DIV.**

Wen-Li Su

Trudy L. Benjamin

Steven B. Elgee

Thomas F. Uhling

Bruce A. Axten

Name and address of receiving party(ies):

HEWLETT-PACKARD COMPANY

Legal Department, M/S 20BO

3000 Hanover Street

Palo Alto, CA 94304

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

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date(s): 7/2/96; 7/17/96; 7/19/96; 7/23/96

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)

B. Patent No.(s)

08/687,700 Date Filed: 07/24/96Additional numbers attached? NO

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

Records Manager

HEWLETT-PACKARD COMPANY

Legal Department

P. O. Box C-006

Vancouver, WA 98668-C006

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

(attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

UT04040 10/21/96 08687700

08-2025 040 381

40.00CN

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.*Cherylann MoserCherylann MoserOctober 8, 1996

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2

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

Do Not detach this portion

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

Commissioner of Patents and Trademarks

Box Assignment

Washington, D.C. 20231

When recorded please return to:

HEWLETT-PACKARD COMPANY
Legal Department, 2980
P. O. Box 10301
Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10950840

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a California corporation having its principal place of business in Palo Alto, California, (hereinafter HP), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, 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:

Acoustic and Ultrasonic Monitoring of Inkjet Printheads

Filing date: _____ Serial No.: _____
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, sale 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):

Wen-Li Su Date Assignment Signed: July 23, '96
Inventor's Signature (Seal)

Inventor's Typed Name: Wen-Li Su Date Application Signed: July 23, '96

State of Washington)
County of Clack) ss.:

Before me this 23rd day of July, 1996, personally appeared Wen-Li Su who is personally known or proved up 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
STATE OF WASHINGTON
COMMISSION EXPIRES
JULY 27, 1997

Cherrie I. Bailey
Notary Public
My commission expires: 7/27/97

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

Page 1 of 5

When recorded please return to:

HEWLETT-PACKARD COMPANY
Legal Department, 2080
P. O. Box 10301
Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10950840

ASSIGNMENT OF PATENT APPLICATION (cont.)

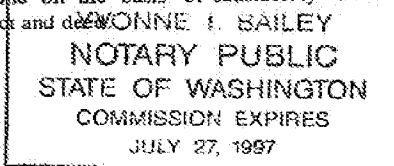
IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Trudy L. Benjamin Date Assignment Signed: 7-23-96
Inventor's Signature (Seal)

Inventor's Typed Name: Trudy L. Benjamin Date Application Signed: 7-23-96

State of Washington)
County of Clark) ss.:

Before me this 23rd day of July, 1996, personally appeared Trudy L. Benjamin
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.



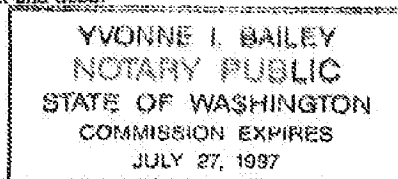
Yvonne I. Bailey
Notary Public
My commission expires: 7/27/97

Steven B. Elgee Date Assignment Signed: July 22, 1996
Inventor's Signature (Seal)

Inventor's Typed Name: Steven B. Elgee Date Application Signed: July 23, 1996

State of Washington)
County of Clark) ss.:

Before me this 23rd day of July, 1996, personally appeared Steven B. Elgee
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.



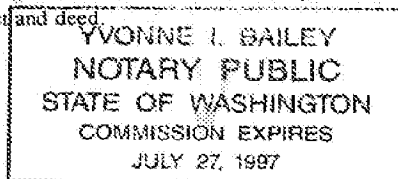
Yvonne I. Bailey
Notary Public
My commission expires: 7/27/97

Thomas F. Uhling Date Assignment Signed: 7-23-96
Inventor's Signature (Seal)

Inventor's Typed Name: Thomas F. Uhling Date Application Signed: 7-23-96

State of Washington)
County of Clark) ss.:

Before me this 23rd day of July, 1996, personally appeared Thomas F. Uhling
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.



Yvonne I. Bailey
Notary Public
My commission expires: 7/27/97

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

Page 2 of 5

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P. O. Box 10301
Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10950840

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Bruce A. Axten Date Assignment Signed: 7/23/96
Inventor's Signature (Seal)

Inventor's Typed Name: Bruce A. Axten Date Application Signed: 7/23/96

State of Washington)
County of Clark) ss.:

Before me this 25th day of July, 1996, personally appeared Bruce A. Axten
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.

YVONNE I. BAILEY
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
JULY 27, 1997

Yvonne I. Bailey
Notary Public
My commission expires: 7/27/97

Kerry J. Lundsten Date Assignment Signed: 7/23/96
Inventor's Signature (Seal)

Inventor's Typed Name: Kerry J. Lundsten Date Application Signed: 7/23/96

State of Washington)
County of Clark) ss.:

Before me this 25th day of July, 1996, personally appeared Kerry J. Lundsten
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.

YVONNE I. BAILEY
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
JULY 27, 1997

Yvonne I. Bailey
Notary Public
My commission expires: 7/27/97

Xiuting C. Man Date Assignment Signed: 7/23/96
Inventor's Signature (Seal)

Inventor's Typed Name: Xiuting C. Man Date Application Signed: 7/23/96

State of Washington)
County of Clark) ss.:

Before me this 25th day of July, 1996, personally appeared Xiuting C. Man
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.

YVONNE I. BAILEY
NOTARY PUBLIC
STATE OF WASHINGTON
COMMISSION EXPIRES
JULY 27, 1997

Yvonne I. Bailey
Notary Public
My commission expires: 7/27/97

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

Page 3 of 5

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HEWLETT-PACKARD COMP.
Legal Department, 2080
P. O. Box 10301
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PATENT APPLICATION

ATTORNEY DOCKET NO. 10950840

ASSIGNMENT OF PATENT APPLICATION (cont.)

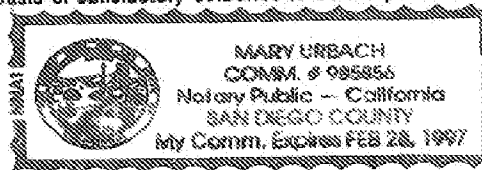
IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Tamara L. Bahn Date Assignment Signed: 7/19/96
Inventor's Signature (Seal)

Inventor's Typed Name: Tamara L. Bahn Date Application Signed: 7-19-96

State of California)
County of San Diego) ss.:

Before me this 19 day of July 1996, personally appeared Tamara L. Bahn 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.



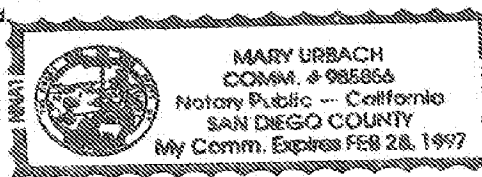
Mary Urbach
Notary Public
My commission expires 2/28/97

Iue-Shuenn Chen Date Assignment Signed: 7/19/96
Inventor's Signature (Seal)

Inventor's Typed Name: Iue-Shuenn Chen Date Application Signed: 7/19/96

State of California)
County of San Diego) ss.:

Before me this 19 day of July 1996, personally appeared Iue-Shuenn Chen 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.



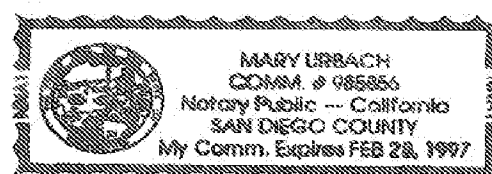
Mary Urbach
Notary Public
My commission expires 2/28/97

Michael T. Dangelo Date Assignment Signed: 7/17/96
Inventor's Signature (Seal)

Inventor's Typed Name: Michael T. Dangelo Date Application Signed: 7/17/96

State of California)
County of San Diego) ss.:

Before me this 17 day of July 1996, personally appeared Michael T. Dangelo 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.



Mary Urbach
Notary Public
My commission expires 2/28/97

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Legal Department, 2080
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PATENT APPLICATION

RNEY DOCKET NO. 10950840

ASSIGNMENT OF PATENT APPLICATION (cont.)

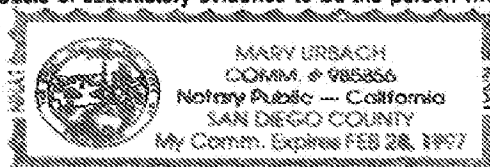
IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Bryan D. Woll Date Assignment Signed: 7/19/96
Inventor's Signature (Seal)

Inventor's Typed Name: Bryan D. Woll Date Application Signed: 7/19/96

State of California)
County of San Diego) ss.:
)

Before me this 19 day of July, 1996, personally appeared Bryan D. Woll 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.



Mary Ursach
Notary Public
My commission expires: 2/28/97

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

Inventor's Typed Name: Timothy L. Weber Date Application Signed: _____

State of _____)
County of _____) ss.:
)

Before me this _____ day of _____, personally appeared Timothy L. Weber 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: James W. Pearson Date Application Signed: _____

State of _____)
County of _____) ss.:
)

Before me this _____ day of _____, personally appeared James W. Pearson 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: _____

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

Page 5 of 5

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

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

Inventor's Typed Name: Bryan D. Woll Date Application Signed: _____

State of _____)
County of _____) ss.: _____

Before me this _____ day of _____, personally appeared Bryan D. Woll 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: _____

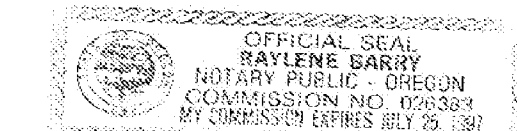
Timothy L. Weber Date Assignment Signed: July 2, 1996
Inventor's Signature (Seal) _____

Inventor's Typed Name: Timothy L. Weber Date Application Signed: July 2, 1996

State of Oregon)
County of Benton) ss.: _____

Before me this 2nd day of July, 1996, personally appeared Timothy L. Weber 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.

Raylene Barry
Notary Public
My commission expires: July 25, 1997



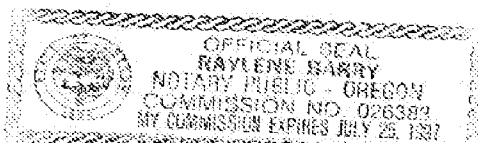
James W. Pearson Date Assignment Signed: July 2, 1996
Inventor's Signature (Seal) _____

Inventor's Typed Name: James W. Pearson Date Application Signed: July 2, 1996

State of Oregon)
County of Benton) ss.: _____

Before me this 2nd day of July, 1996, personally appeared James W. Pearson 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.

Raylene Barry
Notary Public
My commission expires: July 25, 1997



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