

PATENTS ONLY

Attorney Docket No. 10011620-1

1. Name of conveying party(ies):

Chien-Hua Chen

Kenneth Michael Kramer

10-22-2002



102256289

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

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400Additional 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): 4/29/2002

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.: 10/135,297

Date Filed: 4/30/2002

Confirmation No.: 8572

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 80527-24006. 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.

10/21/2002 TDIAZ1 00000195 082025 10135297

01 FC:8021 40.00 CH

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.

Scott A. Lund

Name of Person Signing

Signature

Oct 07, 2002

Date

Total number of pages including cover sheet, attachments, and document: 4

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

Do Not detach this portion

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

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

When recorded please return to:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 10011620-1

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:

SUBSTRATE AND METHOD OF FORMING SUBSTRATE FOR FLUID EJECTION DEVICE

Filing date: 4/30/2002

Application No.: 10/135,297

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):



Date Assignment Signed: April 29, 2002

Inventor's Signature (Seal)

Inventor's Typed Name: Chien-Hua Chen

Date Application Signed: April 29, 2002

State of)

) ss.:

County of)

Before me this ____ day of _____, personally appeared Chien-Hua 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.

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 10011620-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Kenneth Michael Kramer
Inventor's Signature (Seal)

Date Assignment Signed: 4/29/02Inventor's Typed Name: Kenneth Michael KramerDate Application Signed: 4/29/02

State of _____)

) ss.:

County of _____)

Before me this ____ day of _____, personally appeared Kenneth Michael Kramer 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 _____)

) ss.:

County of _____)

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 _____)

) ss.:

County of _____)

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: _____

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Chien-Hua Chen et al.

Confirmation No.: 8572

Application No.: 10/135,297

Examiner: Unknown

Filing Date: April 30, 2002

Group Art Unit: 2853

Title: SUBSTRATE AND METHOD OF FORMING SUBSTRATE FOR FLUID EJECTION DEVICE

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- () Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Box Non-Fee Amendments")
(X) Other: Recordation Cvr Sheet; Assignment Document (fee \$ 40.00)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$84	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$400.00	3RD MONTH \$920.00	4TH MONTH \$1440.00		\$ 0
OTHER FEES						\$ 40
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 40

Charge \$ 40 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: October 7, 2002

Typed Name: Scott A. Lund

Signature:

Respectfully submitted,

Chien-Hua Chen et al.

By

Scott A. Lund

Attorney/Agent for Applicant(s)

Reg. No. 41,166

Date: October 7, 2002

Telephone No.: (612) 573-2006