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Attorney Docket No. 200310674-1

1. Name of conveying party(ies):

Eric T Martin
Art Piehl
Adam Ghozeil

02-28-2005



102949347

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 ☒ No

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

3. Nature of Conveyance:

☐ Assignment

☐ Merger

☐ Change of Name

☐ Security Agreement

☒ Other

Correct 1st Inventors Name (Add middle initial)

Execution Date(s): 5/13/04; 5/17/04; 5/17/04 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)

Application No.: 10/855,359

Date Filed: May 28, 2004

Confirmation No.:

Additional numbers attached? NO

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

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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): \$46.00

☐ Enclosed

☒ Authorization to be charged to deposit account.

8. Deposit Account Number: 08-2025

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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.

Debbie Scharpen

Name of Person Signing

Debbie Scharpen

Signature

Feb 16, 2005

Date

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Houston, TX 77070Additional name(s) of conveying party(ies) attached ☐ Yes ☐ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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Execution Date(s): 5/13/04; 5/17/04; 5/17/04 respectively

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Intellectual Property Administration
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Fort Collins, Colorado 80527-24006. Total number of applications and patents involved: 1

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

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Debbie Scharpen

Name of Person Signing



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PATENT APPLICATION

ATTORNEY DOCKET NO. 200310674-1

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:

METHOD AND APPARATUS FOR REDUCING CHARGE INJECTION IN CONTROL OF MEMS
ELECTROSTATIC ACTUATOR ARRAY

Filing date: 5/28/04 Application No.: 10/855359

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):

 Date Assignment Signed: 5/13/2004
Inventor's Signature (Seal)

Inventor's Typed Name: Eric Martin Date Application Signed: 5/13/2004

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Eric Martin 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: _____

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

PATENT APPLICATION
ATTORNEY DOCKET NO. 200310674-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Art Plehl Date Assignment Signed: 5/17/04
Inventor's Signature (Seal)

Inventor's Typed Name: Art Plehl Date Application Signed: 5/17/04

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

Before me this _____ day of _____, personally appeared Art Plehl 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: _____

Adam Ghazell Date Assignment Signed: 5/17/04
Inventor's Signature (Seal)

Inventor's Typed Name: Adam Ghazell Date Application Signed: 5/17/04

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

Before me this _____ day of _____, personally appeared Adam Ghazell 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: _____

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

Page 2 of 2

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATIONATTORNEY DOCKET NO. 20031674-1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR REDUCING CHARGE INJECTION IN CONTROL OF MEMS ELECTROSTATIC ACTUATOR ARRAY

the specification of which is attached hereto unless the following box is checked:

() was filed on _____ as US Application No. or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

U. S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Customer Number 022879Place Customer
Number Bar Code
Label hereSend Correspondence to:
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

Direct Telephone Calls To:

Tim Myers
(541) 715-4197

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Eric T. MartinCitizenship: USAResidence: 7753 NW Arboretum Road, Corvallis, OR 97330Post Office Address: same as residenceInventor's Signature Date 5/13/2004

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 20031674-1

Full Name of joint inventor: Art Piehl Citizenship: USA
Residence: 2704 NW 13th, Corvallis, OR 97330
Post Office Address: same as residence
Inventor's Signature: *Art Piehl* Date: 5/17/04

Full Name of joint inventor: Adam Ghozell Citizenship: USA
Residence: 3730 NW Roosevelt Drive, Corvallis, OR 97330
Post Office Address: same as residence
Inventor's Signature: *Adam Ghozell* Date: 5/17/04

Full Name of joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____
Inventor's Signature: _____ Date: _____

Full Name of joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____
Inventor's Signature: _____ Date: _____

Full Name of joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____
Inventor's Signature: _____ Date: _____

Full Name of joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____
Inventor's Signature: _____ Date: _____

Full Name of joint inventor: _____ Citizenship: _____
Residence: _____
Post Office Address: _____
Inventor's Signature: _____ Date: _____