# PATENT ASSIGNMENT

Electronic Version v1.1
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|---|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---|---|
| Jeffrey A. Nielsen | 11/09/2009 |
| Sadiq Benjall | 11/09/2009 |
| Greg Scott Long | 11/10/2009 |
| Joshua M. Yu | 11/15/2009 |

RECEIVING PARTY DATA

| | |
|---|---|
| Name: | Hewlett-Packard Development Company, L.P. |
| Street Address: | 11445 Compaq Center Drive West |
| City: | Houston |
| State/Country: | TEXAS |
| Postal Code: | 77070 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---|---|
| Application Number: | 13320028 |

CORRESPONDENCE DATA

Fax Number: (970)778-4063
Phone: (541)715-8443
Email: terri.tuma@hp.com
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*
Correspondent Name: Hewlett-Packard Company
Address Line 1: 3404 E. Harmony Road MS 35
Address Line 2: Intellectual Property Administration
Address Line 4: Fort Collins, COLORADO 80528

| | |
|---|---|
| NAME OF SUBMITTER: | Terri Walker |

Total Attachments: 4
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CH $40.00 13320028

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200801843

# 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:

FLUID-EJECTION PRINTHEAD HAVING AN ELECTROCHEMICAL CELL

Filing Date: July 27, 2009 Application No.: PCT/US2009/051871

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 therefore; 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):

| | |
|---|---|
| Inventor's Signature (Seal) | Date Assignment Signed 9 Jan 2009 |
| Jeffrey A. Nielsen<br>Inventor's Typed Name | Date Application Signed 9 Jan 2009 |

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared Jeffrey A. Nielsen 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



Rev 10/08 (assignment)

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200801843

## ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Sadiq Bengali — Nov 9, 2009
Inventor's Signature (Seal) — Date Assignment Signed

Sadiq Bengali — Nov 9, 2009
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared Sadiq Bengali 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

Greg Scott Long
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared Greg Scott Long 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

Joshua M. Yu
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared Joshua M. Yu 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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Sadiq Bengali
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared Sadiq Bengali 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: 11-10-2009

Greg Scott Long
Inventor's Typed Name — Date Application Signed: 11-10-2009

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared Greg Scott Long 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
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Joshua M. Yu
Inventor's Typed Name — Date Application Signed

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) ss.:
County of )

Before me this ____ day of _____, personally appeared Joshua M. Yu 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.

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PATENT APPLICATION

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

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Sadiq Bengali
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared _____ Sadiq Bengali _____ 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.

Inventor's Signature (Seal) — Date Assignment Signed

Greg Scott Long
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared _____ Greg Scott Long _____ 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.

Inventor's Signature (Seal) — 11-15-2009 Date Assignment Signed

Joshua M. Yu — 11-15-2009
Inventor's Typed Name — Date Application Signed

State of )
) ss.:
County of )

Before me this ____ day of _____, personally appeared _____ Joshua M. Yu _____ 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.