

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David C. Harvey</td> <td>02/06/2013</td> </tr> <tr> <td>Curt Gonzales</td> <td>01/28/2013</td> </tr> <tr> <td>Ralph L. Stathem</td> <td>01/28/2013</td> </tr> <tr> <td>David Olsen</td> <td>01/28/2013</td> </tr> <tr> <td>David Welter</td> <td>01/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	David C. Harvey	02/06/2013	Curt Gonzales	01/28/2013	Ralph L. Stathem	01/28/2013	David Olsen	01/28/2013	David Welter	01/28/2013
Name	Execution Date												
David C. Harvey	02/06/2013												
Curt Gonzales	01/28/2013												
Ralph L. Stathem	01/28/2013												
David Olsen	01/28/2013												
David Welter	01/28/2013												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13765455</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13765455								
Property Type	Number												
Application Number:	13765455												
CORRESPONDENCE DATA													
Fax Number:	9707784063												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	(541)715-8443												
Email:	pto.assignments@hp.com												
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:	Steven L. Nichols												
Total Attachments: 4 source=83166295-A#page1.tif source=83166295-A#page2.tif source=83166295-A#page3.tif source=83166295-A#page4.tif													

CH \$40.00 13765455

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 83166295

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to 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 Patent entitled:

Fluid cartridge

Filing Date: February 12, 2013

Application No.: 13/765,455

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 Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

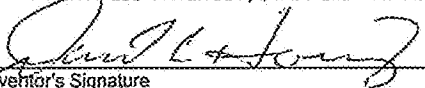
I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as 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 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 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 official of any country or countries 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 Patent for said invention(s) or improvement(s) 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 filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

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



Inventor's Signature

2-6-2013

Date

David C. Harvey

Inventor's Typed Name

Inventor's Signature

Date

Curt Gonzales

Inventor's Typed Name

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 83166295

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to 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 Patent entitled:

Fluid cartridge

Filing Date: February 12, 2013

Application No.: 13/765,455

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 Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

I/we additionally authorize HPDC to file applications in my/our name for 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 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 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 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 official of any country or countries 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 Patent for said invention(s) or improvement(s) 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 filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

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

Inventor's Signature

Date

David C. Harvey

Inventor's Typed Name



Inventor's Signature

1/29/2013

Date

Curt Gonzales

Inventor's Typed Name

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 83166295

ASSIGNMENT OF PATENT APPLICATION (cont.)

Ralph L. Stathem
Inventor's Signature

Jan 28, 2013
Date

Ralph L. Stathem
Inventor's Typed Name

Inventor's Signature

Date

David Olsen
Inventor's Typed Name

Inventor's Signature

Date

David Welter
Inventor's Typed Name

Inventor's Signature

Date

Inventor's Typed Name

Inventor's Signature

Date

Inventor's Typed Name

Inventor's Signature

Date

Inventor's Typed Name

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION


RECORD ID: 83166295

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature Date

Ralph L. Stathem

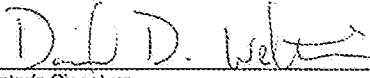
Inventor's Typed Name



Inventor's Signature Date 1-28-13

David Olsen

Inventor's Typed Name



Inventor's Signature Date 1-28-13

David Welter

Inventor's Typed Name

Inventor's Signature Date

Inventor's Typed Name

Inventor's Signature Date

Inventor's Typed Name

Inventor's Signature Date

Inventor's Typed Name