#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
Ning Ge	09/09/2011
Trudy Benjamin	09/12/2011
Adam L. Ghozeil	09/09/2011

## 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:	13231634

## **CORRESPONDENCE DATA**

 Fax Number:
 (970)778-4063

 Phone:
 (970)898-4728

 Email:
 jerry.shorma@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: Steven L. Nichols

**Total Attachments: 3** 

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> PATENT REEL: 026898 FRAME: 0392

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

Rev 07/11 (Assignment)

#### PATENT APPLICATION

RECORD ID:	82750821
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## **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:

entitled:	ilication for Letters Patent of the Office States
Fluid Ejection Device Having First and Second Resistors	
Filing Date:  Application and the invention(s) and improvement(s) set forth therein, and any are P's), divisionals, and renewals of and substitutes for said application for Patent of the United States and of countries foreign thereto which mereissues, or reexaminations, or extensions of said Letters Patent.  I/we additionally authorize HPDC to file applications in my/out held and enjoyed by HPDC, its successors, assigns, nominees or legal terms for which said Letters Patent respectively may be granted, reiss same would have been held and enjoyed by me/us had this assignment.  AND I/we hereby covenant that I/we have full right to convey we have not executed and will not execute any agreement in conflict that I/we will, each time a request is made, and without undue delay, enecessary or desirable to perfect the title to said invention(s) or important, to HPDC, its successors, assigns, nominees or legal representant, to testify in any legal proceedings, to sign all lawful paparents and proceedings. The patent, to testify in any legal proceedings, to sign all lawful paparents. C-I-P's, reissue and foreign applications, to make all right of everything possible to aid HPDC, its successors, assigns, nomine enforce, for its or their own benefit, proper patent protection for said countries provided the expenses which may be incurred by me/us in paid by HPDC;  AND I/we hereby authorize and request the Commissioner of and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assignee of the entite Patent for said invention(s) or improvement(s), including any and all the patent for said invention(s) or improvement(s), including any and all the patent for said invention(s) or improvement(s), including any and all the patent for said invention(s) or improvement(s), including any and all the patent for said invention(s) or improvement(s), including any and all the patent for said invention(s) or improvement(s), including any and all the patent for said the patent for sa	and all continuations, continuations-in-part (C-lor said Letters Patent, and any and all Letters hay be granted thereon or therefore; and any representatives, to the full end of the term or sued or extended, as fully and entirely as the nt, and transfer not been made; the entire interest herein assigned, and that I/nerewith, and I/we further covenant and agree execute and deliver all such papers as may be rovement(s), said application and said Letters entatives, and I/we agree to communicate to or improvement(s), said application and said pers, to execute all disclaimers and divisionals, and legal representatives to obtain and invention(s) or improvement(s) in any and all lending such cooperation and assistance are for patents and Trademarks of the United States States whose duty it is to issue patents on the right, title and interest, any and all Letters
be issued and granted on or as a result of the application aforesaid, in	
I/we further authorize and direct the attorneys of record to i application now identified by the attorney docket number and title se	
been made known to them by the United States Patent and Trademark	
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Inventor's Signature	Date Assignment Signed
Nine Co	Sep 04,7011
Ning Ge Inventor's Typed Name	Date Application Signed
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Inventor's Signature	Date Assignment Signed
Trudy Benjamin	
Inventor's Typed Name	Date Application Signed

HEWLETT-PACKARD COMPANY Intellectual Property Administrator

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35	RECO	RD ID:	82750821
Fort Collins, Colorado 80528		-	
DEVELOPMENT COMPANY, Texas, (hereinafter HPDC), subsidiaries and affiliates, and	ASSIGNMENT OF PATENT APP gned (each) have agreed and hereby L.P., a Texas Limited Partnership having in furtherance of my/our obligations do hereby assign and transfer to HPDC right of priority, in, to and under an apple	agree to as ng its principal to the Hewle , its successor	place of business in Houston, ett-Packard Company and its and assigns, the entire right,
Filing Date: Septem	ber 3,2011 Application	n No.: 13	1231.634
P's), divisionals, and renewals Patent of the United States ar reissues, or reexaminations, or I/we additionally author held and enjoyed by HPDC, its terms for which said Letters P same would have been held ar AND I/we hereby cov we have not executed and will that I/we will, each time a requ necessary or desirable to perf Patent, to HPDC, its success HPDC, or to its nominee, all k Letters Patent, to testify in any continuations, C-I-P's, reissue do everything possible to aid enforce, for its or their own be countries provided the expens paid by HPDC; AND I/we hereby auti and any official of any count applications as aforesaid, to is Patent for said invention(s) or be issued and granted on or as I/we further authorize application now identified by t	overment(s) set forth therein, and any any of and substitutes for said application for do of countries foreign thereto which mextensions of said Letters Patent. Or ize HPDC to file applications in my/our a successors, assigns, nominees or legal atent respectively may be granted, reise and enjoyed by me/us had this assignment enant that I/we have full right to convey not execute any agreement in conflict hest is made, and without undue delay, execute the title to said invention(s) or improved in the said invention of the said request the Commissioner of the said request the Commissioner of the said request the Commissioner of the said of the application aforesaid, in a cand direct the attorneys of record to in the attorney docket number and title set the United States Patent and Trademark the United States Patent and Trademark	or said Letters ay be granted name for Letter representative sued or extend t, and transfer the entire interierewith, and lexicatives, and or improvements, to execute htful oaths and lees and legal invention(s) or lending such or improvements and Totates whose re right, title a letters Patent accordance winsert the serial forth above a	Patent, and any and all Letters thereon or therefore; and any ers Patent in any country, to be es, to the full end of the term or ded, as fully and entirely as the not been made; rest herein assigned, and that life further covenant and agree eliver all such papers as may be aid application and said Letters. If we agree to communicate to ent(s), said application and said declarations, and generally to representatives to obtain and improvement(s) in any and all cooperation and assistance are duty it is to issue patents or not interest, any and all Letters of the United States which may the terms of this assignment. I number and filing date of said
Inventor's Signature		Date Assignme	ent Signed
Ning Ge			
Inventor's Typed Name		Date Application	n Signed
Inventor's Signature		Seo Date Assignme	12 2011
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Trudy Benjamin Inventor's Typed Name		Dep 1 Date Application	on Signed
Inventor's Typed Name Date Application Signed			

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

#### PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 82750821		
	MENT OF PATENT APPLICATION (cont.)		
May Cill	9/5/11		
nventor's Signature	Date Assignment Signed		
Adam L Ghozeil	6/9/V		
Inventor's Typed Name	Date Application Signed		
Inventor's Signature	Date Assignment Signed		
Inventor's Typed Name	Date Application Signed		
Inventor's Signature	Date Assignment Signed		
Inventor's Typed Name	Date Application Signed		
Inventor's Signature	Date Assignment Signed		
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