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Matthew G. Lopez		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Mark A. Overton		20555 SH 249	
Michael Gray		Houston, TX 77070	
,			
Additional name(s) of conveying party(les) attached	Yes X No	Additional name(s) & address(es) attached?Yes _X_ No	
3. Nature of Conveyance:			
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Execution Date(s): January 12, 2004 for all	conveying pa	arties	
4. Application number(s) or patent number(s	s):		
If this document is being filed together with	n a new appli	cation, execution date of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)	
Application No.: 10/760,045	Date Filed: 1/	18/2004	
Confirmation No.: Add	litional numbe	ers attached? NO	
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200208186-1

## 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, (hereinalter 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:
Adjustment of fluid-ejection energy to yield fluid-drop masses having consistent ratio
Filing date: 1-18-2004 Application No.: 10/760,045
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 t/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):
Multi C Date Assignment Signed: January 12, 2004 Inventor's Signature (Seal)
Inventor's Typed Name: Matthew G. Lopez Date Application Signed: January 12, 2001
State of ) ) ss.:
County of )
Before me thisday of personally appearedMatthew G. Lopez 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 10/03 (Assign)

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

Page 1 of 2

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Fort Collins, Colorado 80527-2400

## PATENT APPLICATION ATTORNEY DOCKET NO. 200208186-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHERE	OF, I/wie hereunto set	t my/our hand(s) and seal(s):
Mark C Inventor's Signature (Seal		Date Assignment Signed: 1/12/2004
Inventor's Typed Name:	•	Date Application Signed: 1/12-/2004
State of	}	
	) ss.:	
County of	)	
personally known or pro-		, personally appeared <u>Mark A. Overton</u> who of satisfactory evidence to be the person who acknowledged the foregoin deed.
		Notary Public My constrission expires:
Inventor's Signature (Seal	1.3	
Inventor's Typed Name: M	$\mathcal{O}$	Date Application Signed: 1/12/2004
State of	)	
County of	) ss.:	
personally known or prov		Notary Public
		My commission expires:
Inventor's Signature (Seal)		Date Assignment Signed:
Inventor's Typed Name:		Date Application Signed:
State of	)	
County of	) ss.: )	
personally known or prov		, personally appeared who if satisfactory evidence to be the person who acknowledged the foregoing
		Notary Public  My commission expires:
	(Use Page Three For A	dditional inventor(s) Signature(s)) Page 2 of 2

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**RECORDED: 05/08/2004** 

PATENT REEL: 014610 FRAME: 0137