FORM PTO-1595 1-31-92	04-23-20	 04	U.S. DEPARTMENT OF COMMERCE :T Patent and Trademark Office	
W9 59		## ####   ###   ###	Attorney Docket No. 200309237-1	
Name of conveying party(ies):	10272822		address of receiving party(ies):	
Trudy L. Benjamin 4/14/04	10212022		-PACKARD DEVELOPMENT COMPANY, L.P.	
Joseph M. Torgerson 4/14/04		20555 SH		
William S. Eaton 4/14/04		Houston,	TX 77070	
a Additional name(s) of conveying party(ies) a	ttachedYes _X_No	Additional name	(s) & address(es) attached? Yes No No 041904	
3. Nature of Conveyance:				
X Assignment	Merger		Change of Name	
Security Agreement	Other			
Execution Date(s): April 14, 2004				
4. Application number(s) or patent	number(s):	27135	<del>-</del>	
If this document is being filed toge	ther with a new appli	cation, execution	on date of the application is: 4/14/2004	
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional number	ers attached? _	NO	
5. Name and address of party to w concerning document should be		6. Total number of applications and patents involved: 1		
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00		
Intellectual Property Administrat HEWLETT-PACKARD COMPANY		Enclosed		
P.O. Box 272400 Fort Collins, Colorado 80527-2400		X Authorization to be charged to deposit account.		
		8. Deposit Ad	count Number: 08-2025	
	DO NOT USE	THIS SPACE		
9. Statement and signature.				
To the best of my knowledge and true copy of the original document.		nformation is ti	rue and correct and any attached copy is a	
4/22/2004 LNUELLER 00000080 082025 - 101	<b>27135</b>			
1 FC:8021 40.00 BA Dmitry Milikovsky	V). Z		Apr 19, 2004	
Name of Person Signing	Signature		Date	
Total	number of pages includ	ing cover sheet,	attachments, and document: 5	
OMB No. 0651-0011 (exp. 4/94)				
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		tent and Tradem 3ox 1450 VA 22313-1450		

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400

P. O. Box 272400 Fort Collins, Colorado 80527-2400 ATTORNEY DOCKET NO. 200309237-1

#### **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:

Fluid Ejection Device With Identification Ce	His
Filing date:	Application No.:
continuations-in-part (C-I-P's), divisionals, Letters Patent, and any and all Letters Pate	t(s) set forth therein, and any and all continuations, and renewals of and substitutes for said application for said ent of the United States and of countries foreign thereto which any reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, the full end of the term or terms for which	o file applications in my/our name for Letters Patent in any, its successors, assigns, nominees or legal representatives, to h said Letters Patent respectively may be granted, reissued or ame would have been held and enjoyed by me/us had this
that I/we have not executed and will not covenant and agree that I/we will, each ti deliver all such papers as may be neces improvement(s), said application and said legal representatives, and I/we agree to respecting said invention(s) or improvemer legal proceedings, to sign all lawful paper C-I-P's, reissue and foreign applications, to everything possible to aid HPDC, its succand enforce, for its or their own benefit, p	ave full right to convey the entire interest herein assigned, and execute any agreement in conflict herewith, and I/we further ime a request is made, and without undue delay, execute and sary or desirable to perfect the title to said invention(s) or Letters Patent, to HPDC, its successors, assigns, nominees or communicate to HPDC, or to its nominee, all known facts n(s), said application and said Letters Patent, to testify in any ers, to execute all disclaimers and divisionals, continuations, or make all rightful oaths and declarations, and generally to do ressors, assigns, nominees and legal representatives to obtain proper patent protection for said invention(s) or improvement(s) expenses which may be incurred by me/us in lending such DC;
States and any official of any country or opatents on applications as aforesaid, to issue any and all Letters Patent for said invention	ist the Commissioner of Patents and Trademarks of the United countries foreign to the United States whose duty it is to issue sue to HPDC, as assignee of the entire right, title and interest, on(s) or improvement(s), including any and all Letters Patent of and granted on or as a result of the application aforesaid, intent.
said application now identified by the atto	ttorneys of record to insert the serial number and filing date of orney docket number and title set forth above as soon as the n by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto	o set my/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 414-04
Inventor's Typed Name: Trudy L. Benjamin	Date Application Signed: 4-14-04
) ss.:	
County of	
	, personally appeared <u>Trudy L. Benjamin</u> who is if satisfactory evidence to be the person who acknowledged the foregoing leed.
	Notary Public
	My commission expires:

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

Page 1 of 2

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Fort Collins, Colorado 80527-2400

### **PATENT APPLICATION**

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## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

		Date Assignment Sign	ed:	
Inventor's Signature (Seal)				
Inventor's Typed Name: Joseph I	A Torgerson	Date Ap	plication Signed:	
-				
State of	) ss.:			
County of	1			
Dafa a san akti				
Before me this day of personally known or proved to natrument of assignment to be hi	me on the basis of a	satisfactory evidence to	Deeph M Torgerson who be the person who acknowledged the foreg	
			Marcon Dahla	
			Notary Public My commission expires:	
4	/		:	
Wellea' 3	ds	Date Assignment Sign	plication Signed: 4-14-04	
Inventor's Signature (Seal)				
Inventor's Typed Name: William S	Exton	Date Ap	plication Signed: 4-14-04	
State of	}			
	, } <b>ss.</b> :			
County of	1			
Before me this day of		. gersonelly appeared	William S Eston wi	o i
personally known or proved to instrument of assignment to be hi	me on the basis of a	satisfactory evidence to	be the person who acknowledged the foreg	
			Notary Public	
			My commission expires:	
		Date Assignment Signo	adt.	
nventor's Signature (Seal)				
nventor's Typed Name:		Date Apr	plication Signed:	
State of	) ) ss.:			
County of	)			
Before me this day of personally known or proved to restrument of assignment to be his	me on the basis of s		be the person who acknowledged the foreg	o is oing
			,	
			Notery Public My commission expires:	
		tional Inventor(s) Signature	(s)) Page 2 of 2	

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PATENT APPLICATION ATTORNEY DOCKET NO. 200309237-1

# 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

and assigns, the entire	diaries and affiliates, and one right, title and interest, atent of the United States	including the rig	and transfer to HPD ht of priority, in,	C, its successors to and under an
Fluid Ejection Device W	ith Identification Cells			
Filing date:		Application No	.:	
continuations-in-part (C Letters Patent, and any	and improvement(s) se c-I-P's), divisionals, and re and all Letters Patent of the or therefor; and any reis	newals of and sub ne United States a	stitutes for said ap nd of countries fore	plication for said ign thereto which
country, to be held and the full end of the term	authorize HPDC to file all lenjoyed by HPDC, its such or terms for which said be lentirely as the same wo er not been made;	cessors, assigns, etters Patent resp	nominees or legal re ectively may be gra	presentatives, to inted, reissued or
that I/we have not exe covenant and agree the deliver all such papers improvement(s), said as legal representatives, respecting said inventional legal proceedings, to so C-I-P's, reissue and for everything possible to and enforce for its or the	ovenant that I/we have full cuted and will not execute at I/we will, each time a repair as may be necessary or application and said Letters and I/we agree to community or improvement(s), seign all lawful papers, to eign applications, to make aid HPDC, its successors, their own benefit, proper pees provided the expense ance are paid by HPDC;	e any agreement in squest is made, and desirable to perform Patent, to HPDC, unicate to HPDC, id application and execute all disclair all rightful oaths assigns, nomine assigns, nomine atent protection for	n conflict herewith, d without undue de fect the title to sai its successors, assi or to its nominee, said Letters Patent mers and divisional and legal represer r said invention(s) of	and I/we further blay, execute and d invention(s) or gns, nominees or all known facts, to testify in any is, continuations, d generally to do notatives to obtain improvement(s)
States and any official patents on applications any and all Letters Pate	outhorize and request the Cof any country or countries as aforesaid, to issue to hent for said invention(s) or the may be issued and gramms of this assignment.	s foreign to the Ur IPDC, as assignee improvement(s), in	nited States whose of the entire right, according any and all	duty it is to issue title and interest, Letters Patent of
said application now id	ze and direct the attorneys lentified by the attorney di nade known to them by the	ocket number and	title set forth abov	e as soon as the
IN WITNESS WHER	REOF, I/we hereunto set my	//our hand(s) and s	seal(s):	
In catago Figure (Fact)	Date	Assignment Signed:		
Inventor's Signature (Seal)				
Inventor's Typed Name: Trud	v L. Benjamin	Date Application	on Signed:	·····
State of	) ) ss.:			
County of	)			
Before me this day personally known or proved instrument of assignment to b	of, person to me on the basis of satisfaction his/her free act and deed.	enally appeared <u>Tru</u> story evidence to be t	dy <u>L. Benjamin</u> he person who acknow	who is ledged the foregoing
		}	Notary Public	
		Í	My commission expires:	
Rev 10/03 [Assign]	(Use Page Two For Additional Inv	entor(s) Signature(s))		Page 1 of 2

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96% PATENT P. 10

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PATENT APPLICATION ATTORNEY DOCKET NO. 200309237-1

#### ASSIGNMENT OF PATENT APPLICATION (cont.)

Dosaph M.	Ry	my/our hand(s) and s		4
inventor's/Signature (Seal)	•		1.1.	1/0/-
Inventor's Typed Name: Joseph	M Torgerson	Date App	plication Signed: 7/14	104
State of	) ) ss.:		<u> </u>	
County of	)			
Before me this day o	of	_, personally appeared	Joseph M. Torgerson	who is
personally known or proved to instrument of assignment to be	me on the basis of	satisfactory evidence to	be the person who acknowled	iged the foregoing
			Notary Public	
			My commission expiras:	
		Data Aurian and Singa		
Inventor's Signature (Seal)		Date Assignment Signe	Ja:	
Inventor's Typed Name: William	S Enton	Date App	lication Signed:	
State of	)	- <del></del>		
County of	) ss.:		;	
Before me this day o	•			who is
personally known or proved to instrument of assignment to be	me on the basis of	satisfactory evidence to	be the parson who acknowled	ged the foregoing
			Notacy Public My commission expires:	
		Data Assignment Signa		
Inventor's Signature (Seal)		Date wasignment oigno	Y	***************************************
Inventor's Typed Name:		Date App	cation Signed:	
State of	ì			
County of	) <b>ss.</b> ;		i	
Before me this day or	•	mare apply appeared		who is
personally known or proved to instrument of assignment to be t	me on the basis of	satisfactory evidence to	be the person who acknowled	
			Notary Public	
			My commission expires:	
	(Use Page Three For Add	litional Inventor(s) Signature(s	! h) Pi	age 2 of 2
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ar imou posyis				

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**RECORDED: 04/19/2004** 

PATENT P. 11

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