FORM PTO-1595 1-31-92	2-15-02	03-0	6-2002	U.S. DEPARTMENT OF COMMERCI Patent and Trademark Office
	2-15-60	REC		Attorney Docket No. 10006538-1
1. Name of conveyi		1020)03056 and ad	suress of receiving party(ies):
James A. Feinn;				ACKARD COMPANY
Winthrop D. Chil	lders; and		Intellectual P	roperty Administration
Michael J. Barbo	ur		P.O. Box 27: Fort Collins,	2400 Colorado 80527-2400
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Additional name(s) of co 3. Nature of Conve		ittached Yes X No	Additional name(s)	& address(es) attached?YesX No
X Assigni		Merger		Change of Name
_	/ Agreement	Other		
	Agreement	0 ther		
		Oct. 9, 2001; Oct. 1	6, 2001	
4. Application numb	per(s) or patent	number(s):		
If this document is	being filed toge	ther with a new appl	ication, execution	date of the application is:
A. Patent Applicati	on No.(s)			B. Patent No.(s)
Application No.: 09/	999,355	Date Filed: O	ct. 31, 2001	
Confirmation No.: 6	5388	Additional numb	ers attached? <u>NC</u>	<u> </u>
5. Name and addres	ss of party to w	hom correspondence	θ 6. Total number of applications and patents involved: 1	
concerning docu Records Mar		mailed:	7. Total Fee (37	CFR 3.41): \$40.00
HEW LETT-P/	ACKARD COMP	YAAY	Enclos	sed
Ms. Ann Lyg 16399 W. B San Diego. C	gas Jernardo Drive, CA 92127-1899	м/s 66-838 9	_X A utho	rization to be charged to deposit account.
Jan Bioge, s			8. Deposit Acco	ount Number: <u>08-2025</u>
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9. Statement and s	ignature			
To the best of my	knowledge and	belief, the foregoing	information is tru	e and correct and any attached copy is a
true copy of the or.	iginal document	•		
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Patrick G. Billig		/ fast	But	Jan 28, 2002 Date
Name of Person S	igning	Signature		
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Rev 10/01 (Recdasgn))	F	REEL: 012623 FRAME: 0166

HEW LETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION ATTORNEY DOCKET NO. 10006538-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, 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:

under an application for Letters Patent of the United States entitled:						
INKJET PRINTHEAD ASSEMBLY HAV	ING VERY HIGH DROP RATE GENERATION					
Filing date:	Application No.:					
continuations-in-part (C-I-P's), division Letters Patent, and any and all Lette	ment(s) set forth therein, and any and all continuations, nals, and renewals of and substitutes for said application for said ers Patent of the United States and of countries foreign thereto refor; and any reissues, or reexaminations, or extensions of said					
to be held and enjoyed by HP, its succ of the term or terms for which said L	file applications in my/our name for Letters Patent in any country, cessors, assigns, nominees or legal representatives, to the full end letters Patent respectively may be granted, reissued or extended, ld have been held and enjoyed by me/us had this assignment, and					
and that I/we have not executed and further covenant and agree that I/we execute and deliver all such papers invention(s) or improvement(s), said a nominees or legal representatives, and facts respecting said invention(s) or in any legal proceedings, to sign continuations, C-I-P's, reissue and for generally to do everything possibly representatives to obtain and enforce invention(s) or improvement(s) in any me/us in lending such cooperation and						
states and any official of any country patents on applications as aforesaid, any and all Letters Patent for said investigation the United States which may be issuaccordance with the terms of this ass	equest the Commissioner of Patents and Trademarks of the United or countries foreign to the United States whose duty it is to issue to issue to HP, as assignee of the entire right, title and interest, ention(s) or improvement(s), including any and all Letters Patent of used and granted on or as a result of the application aforesaid, in ignment.					
application now identified by the atto shall have been made known to them	t HP attorneys to insert the serial number and filing date of said rney docket number and title set forth above as soon as the same by the United States Patent and Trademark Office.					
IN WITNESS WHEREOF, +/we her	ounto set					
James G. Tein	Date Assignment Signed: 10/12/6/					
Inventor's Signature (Seal)	Date Application Signed: 18/12/01					
Inventor's Typed Name: James A. Feinn						
State of CALIFORNIA) ss.:					
County of SAN DIEGO	2. 4.4 who					
Before me this 2 day of to me on the	basis of satisfactory evidence to be the person who acknowledged the foregoing					
instrument of assignment to be his her free ac	t and deed.					
RICHARD W. DE LA TORRE Commission # 1273343 Notary Public - Colfornia	Notary Public My commission expires:					

PATENT Page 1 of 2

REEL: 012623 FRAME: 0167

San Diego County
My Comm. Expires Aug 10, 2004

PATENT APPLICATION ATTORNEY DOCKET NO. 10006538-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I w	ve hereunto set	my/our hand(s) and seal(s)	:
11800	-tere from		10/0/01
Inventor's Signature (Seal)		Date Assignment Signed:	, ,
Inventor's Typed Name: Winthrop	D. Childers	Date Application	on Signed: 10/9/01
State of California)		
County of Sau Sigs o) ss.:)		
Before me this Aday of Cis personally known or proved to	CTOSER 200,	, personally appeared <u>Winth</u> satisfactory evidence to be the	who person who acknowledged the foregoing
Comm	Har free actionals W. DE LA TORRE ission # 1275363 Public - Colifornia Diego County	ed.	Notary Public My commission expires: 8/10/07
MyComm	Bpires Aug 10, 2004	t	
Inventor's Signature (Seal)	ZZ	Date Assignment Signed:	10/16/01
Inventor's Typed Name: Michael J.	. Barbour	Date Application	on Signed: 10/16/01
State of Ovejon)		
County of Binton) ss.:)		
is personally known or proved to	me on the basis of	, personally appeared <u>Micha</u> f satisfactory evidence to be the	who person who acknowledged the foregoing
instrument of assignment to be his	ther tree act and de	ea.	Lusham, Melcha
	OFFICIAL TRISHA M I NOTARY PUBLI COMMISSION MY COMMISSION EXP	MELCHEH IC - OREGON NO. 338842	Justa M. Melcher Notary Public My commission expires: 9/26/2004
		Date Assignment Signed:	
Inventor's Signature (Seal)		Data Application	on Signed
Inventor's Typed Name:		Date Application	on signed
State of) ss.:		
County of)		w ho
Before me this day of _ is personally known or proved to instrument of assignment to be his	me on the basis of	, personally appeared f satisfactory evidence to be the eed.	e person who acknowledged the foregoing
			Notary Public My commission expires:

Page 2 of 2

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