	05-15-	2000				
1-31-92			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
424100	10135		Attorney Docket No. 10992185-1			
Name of conveying party(ies):	, •		address of receiving party(ies):			
Jeffrey R. Pollard Thomas E. Pettit Shen Buswell Nichole Godwin		HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80528-9599				
to the second se	and the second s					
Additional name(s) of conveying party(ies) at	tachedYes X No	Additional name(s) & address(es) attached?YesX No			
3. Nature of Conveyance:						
X Assignment	Merger		Change of Name			
Security Agreement	Other					
Execution Date(s): 1/25/00, 1/25/0	0, 1/25/00, 1/25/00	respectively				
4. Application number(s) or patent r	number(s):					
If this document is being filed toger	ther with a new appli	cation, executio	on date of the application is:			
A. Patent Application No.(s)		B. Patent No.(s)				
Serial No.: 09/491,533 Date Filed	: Jan 26, 2000					
	Additional numb	ers attached? _	NO			
5. Name and address of party to who concerning document should be	nom correspondence	6. Total number of applications and patents involved: 1				
Records Manager	maneu.	7. Total Fee (37 CFR 3.41): \$40.00				
HEWLETT-PACKARD COMPA	ANY	Enc	losed			
Legal Department 1000 NE Circle Blvd., m/s 42 Corvallis OR 97330	22B	X Authorization to be charged to deposit account.				
		8. Deposit Account Number: 08-2025				
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	11. 1	, 1 <i>si</i>	Apr 18, 2000			
Shellie Schiel Name of Person Signing	Signature	17,1	Date			
		ding cover sheet,	attachments, and document:3			
OMB No. 0651-0011 (exp. 4/94)						
Mail document to be recorded with	required cover shee Commissioner of Box	ch this portion information to Patents and Tra Assignment on, D.C. 20231	demarks			

PATENT REEL: 010772 FRAME: 0433

ATTORNEY DOCKET NO. 10992185-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

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:

successors and assigns, the entire right, title and interest, including the right of priority, in, to and und an application for Letters Patent of the United States entitled:
Ink Feed Slot Formation In Ink-Jet Printheads
Filing date: January 26, 2000 Serial No.: 09/491,533
and the invention(s) and improvement(s) set forth therein, and any and all continuation continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for sa 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 Lette Patent.
I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full end the term or terms for which said Letters Patent respectively may be granted, reissued or extended, a fully and entirely as the same would have been held and enjoyed by me/us had this assignment, artransfer not been made;
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, are 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) improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees a legal representatives, and I/we agree to communicate to HP, or to its nominee, all known fact respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in an legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuation C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain an enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) any and all countries provided the expenses which may be incurred by me/us in lending successors and assistance are paid by HP;
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 HP, as assignee of the entire right, title and interest, 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, accordance with the terms of this assignment.
I/we further authorize and direct HP attorneys to insert the serial number and filing date of sa application now identified by the attorney docket number and title set forth above as soon as the san 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): Date Assignment Signed: 25 2000
Inventor's Typed Name: Jeffrey R. Pollard Date Application Signed:
State of Oregon) ss.:
County of Benton
Before me this day of d
OFFICIAL SEAL SHELLIE SCHIEL Notary Public My commission expires: 1/21/0.2

NOTARY PUBLIC - OREGON
COMMISSION NO. 308635
MY COMMISSION EXPIRES JAN. 21, 2002
(Use Page Two For Additional Inventor(s) Signature(s))

PATENT Page 1 of 2

REEL: 010772 FRAME: 0434

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10992185-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITN	ESS WHEREOF	, I we here	eunto set my	our hand	s) and seal(s):			
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Inventor's	Signature (Seal)	1 Chry		Date Assi	gnment Signea:			
Inventor's	Typed Name: Thor	nas E. Pettit			Date Application	Signed: (~ d	25-00	
State of	Oregon)					
County of	Benton) ss.:)					
personally	me this 25 1 day known or proved of assignment to be	to me on t	he basis of sat	personally ap isfactory ev	ppeared <u>Thom</u> idence to be the	as E. Pettit person who ac	cknowledged the	who is foregoing
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Inventor's	Typed Name: Shen	Buswell			Date Application	Signed:	7-1000	<u>) </u>
State of	Oregon)					
County of	Renton) ss.:					
Before personally	me this are day known or proved of assignment to be	to me on the	he basis of sati	personally ap isfactory evi	peared Shen I dence to be the	Buswell person who ac	knowledged the t	_ who is foregoing
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Inventor's	Signature (Seal)			Date Assig	gnment Signed:	1-25	590W	
Inventor's	Typed Name: Nicho	ole Godwin			Date Application	Signed:/	25.00	
State of	Oregon)) ss.:					
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	me this 2 1 day known or proved of assignment to I	to me on u	he basis of sat	tisfactory ev	ppeared <u>Nicho</u> idence to be the	person who a	cknowledged the	who is foregoing
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(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2