FORM PTÒ-1595 1-31-92 RECO	PRD,	4-14-1999	6. DEPARTMENT OF COMME Patent and Trademark Of ney Docket No. 10990588-1
1. Name of conveying party(ies):	1	01013845	receiving party(les):
Michael J. Barbour, 3/30/99/ிரி 12 இ George H. Corrigan, III, 3/3 <b>) நடி</b>		HEWLETT-PACKAN Legal Department, 3000 Hanover Stre Palo Alto, CA 943	M/S 20BN eet
er d'			
Additional name(s) of conveying party(ies) attached	Yes X No	Additional name(s) & addre	ss(es) attached?Yes _X_ No
3. Nature of Conveyance:			
X Assignment	Merger	0	Change of Name
Security Agreement	Other		
Execution Date(s): 3/30/99; 3/31/99			
4. Application number(s) or patent numbe	r(s):		
If this document is being filed together w	rith a new appli	cation, execution date o	f the application is:
A. Patent Application No.(s)		B. Patent No.(s)	
Serial No.: 09/253,260 Date Filed: 2,	/19/99		
A	dditional numb	ers attached? NO	
5. Name and address of party to whom co concerning document should be mailed	•	6. Total number of app	lications and patents involved: 1
Records Manager HEWLETT-PACKARD COMPANY		7. Total Fee (37 CFR 3	.41): \$40.00

EPARTMENT OF COMMERCE Patent and Trademark Office

ιеγ	Docket	No.	10990588-1

Enclosed

16399 W. Bernardo Drive San Diego, CA 92127	X Authorization to be charged to deposit according
	8. Deposit Account Number: 08-2025
DO	NOT USE THIS SPACE
Statement and signature.	
To the best of my knowledge and belief, the f true copy of the original document.	foregoing information is true and correct and any attached copy is
Cynthia Hupper Cyn	Thia Hupper Apr 07, 1999  Date
Name of Person Signing Signat	ture Date
Total number of pag	ges including cover sheet, attachments, and document: 3
OMB No. 0651-0011 (exp. 4/94)	
Do Mail document to be recorded with required co	Not detach this portion
6/13/1999 DNGUYEN, 00000173 082025 092532600mmis	sioner of Patents and Trademarks Box Assignment Washington, D.C. 20231

MS 66-838

ATTORNEY DOCKET NO. 10990588-1

**HEWLETT-PACKARD COMPANY** Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890

## **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:  A Warming Device For Controlling The Temperature Of An Inkjet Printhead
Filing date: Feb. 19, 1999 Serial No.:09/253,260
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 HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, 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 I/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 HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, 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 HP, 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 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, 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 HP attorneys 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.
Michael Barbon Date Assignment Signed: 3/30/99 Inventor's Signature (Sept.)
Inventor's Typed Name: Michael J. Barbour Date Application Signed: 3/30/99
State of Oregon )
County of Benton )
Before me this 30 day of 1994, personally appeared personally known or proved to me on the basis of satisfactory evidence instrument of assignment to be his/her free and deed of the person who acknowledged the foregoing of the person who acknowledged the per

PATENT Page 1 of 2

**REEL: 9879 FRAME: 0242** 

When recorded please return to:
HEWLETT-PACKARD COMPANY
Legal Department, 20BN
P. O. Box 10301
Palo Alto, California 94303-0890

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	10990588-1

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

IN WITNE	ESS WHEREOF	, I we hereunto set m	y/our hand(s) and seal(s)	:
Gi	orge H.	Carngo	Date Assignment Signed	3/31/99 on Signed: 3/31/99
Inventor's S	Signature (Seal)			- 1- 1-
Inventor's 7	Typed Name: Geo	rge H Corrigan, III	Date Application	on Signed: 3/31/99
	Oregon	)		
County of	Benton	) ss.: )		
		of March 1999, I to me on the basis of s be his/her free act and deed OFFICIAL SEAL SHELLIE SCHI NOTARY PUBLIC - OF COMMISSION NO. 3 MY COMMISSION EXPIRES JAN	IEL REGON 308635	who is the person who acknowledged the foregoin who acknowledged the foregoin who acknowledged the foregoin which was a subject to the person who acknowledged the foregoin which was a subject to the person who acknowledged the foregoin which was a subject to the person who is a person who acknowledged the foregoin which was a person who acknowledged the foregoin which was a person who acknowledged the foregoin which was a person which was a person who acknowledged the foregoin which was a person which was a person which was a person which which was a person whic
Inventor's S	Signature (Seal)		Date Assignment Signed:	
	•		Data Application	on Signed:
inventor's i	ryped Name:		Date Application	on Signed:
State of		) ) ss.:		
County of		)		
personally i	known or proved	of, to me on the basis of s be his/her free act and deed		e person who acknowledged the foregoin
				Notary Public  My commission expires:
	Signature (Seal)		Date Assignment Signed:	
nventor's T	yped Name:		Date Application	n Signed:
State of		) } ss.:		
County of		1		
personally i	known or proved	of, to me on the basis of some his/her free act and deed.		who is e person who acknowledged the foregoing
				Notary Public My commission expires:
				•

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

Page 2 of 2

Rev 11/98 (Assign)

RECORDED: 04/12/1999

PATENT REEL: 9879 FRAME: 0243