FORM PTO-1595	09-21-1998	
1-31-92		HEET Patent and Trademark Office
	100833963	Attorney Docket No. 10972089-1
1. Name of conveying party(ies): Lee W. Jackson	100000000	2. Name and address of receiving party(ies): HEWLETT-PACKARD COMPANY Legal Department, M/S 20BN 3000 Hanover Street Palo Alto, CA 94304
Additional name(s) of conveying party(ie	s) attachedYes _X_ No	Additional name(s) & address(es) attached?Yes _X_No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): 7/16/98		
4. Application number(s) or pate	nt number(s):	
If this document is being filed to	ogether with a new appli	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Serial No.: 09/118,142 D	ate Filed: 7/16/98	
	Additional numb	ers attached? <u>NO</u>
5. Name and address of party 1		
concerning document should		7. Total Fee (37 CFR 3.41): \$40.00
Records Manager HEWLETT-PACKARD CO	MPANY	
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		X Authorization to be charged to deposit account.
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Michelle Ogland	Micheles E	September 8, 1998
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REEL: 9457 FRAME: 0158

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

## ATTORNEY DOCKET NO. 10972089

## **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:

## Efficient Use Of A Printhead And A Compressed Swath Buffer In An Inkiet Printer

Filing date: 7/16/98\_\_\_\_\_\_ Serial No.: 09/118,142\_\_\_\_

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.

Zee W. Lacken Date Inventor's Signature (Seal)	e Assignment Signed: 7/16/98
Inventor's Typed Name: Lee W. Jackson	Date Application Signed: 7/16/98
State of Washington )	
Before me this to day of highly 1998 subersonal	Y zevidence to be the person who acknowledged the foregoing

Rev 04/98 (Assign)

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

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## **RECORDED: 09/21/1998**