12-18-1998 **FORM PTO-1595 DEPARTMENT OF COMMERCE** 1-31-92 Patent and Trademark Office RECORDA? 100924329 y Docket No. 10981161-1 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): James C. Anderson **HEWLETT-PACKARD COMPANY** Legal Department, M/S 20BN Darrel R. Bloomquist 3000 Hanover Street Palo Alto, CA 94304 Yes X No Additional name(s) & address(es) attached? ___Yes _X No Additional name(s) of conveying party(ies) attached 3. Nature of Conveyance: X Assignment Merger ___ Change of Name Security Agreement Other Execution Date(s): 11/5/98; 11/6/98 4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Serial No.: 09/187,138 Date Filed: 11/06/98 Additional numbers attached? NO 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total Fee (37 CFR 3.41): \$40.00 Records Manager **HEWLETT-PACKARD COMPANY** Enclosed Terri Walker, ms 314 P.O. Box 15 X Authorization to be charged to deposit account. Boise, ID 83707-0015 2717/1998 SBURNS 00000197 082025 8. Deposit Account Number: 08-2025 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. mi Huffin Chris Griffin Dec 10, 1998 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 4 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignment** Washington, D.C. 20231 PATENT

REEL: 9640 FRAME: 0600

PATENT APPLICATION

ATTORNEY DOCKET NO. 10981161-1

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

	or obligations to HP, and do hereby assign and transfer to HP, its title and interest, including the right of priority, in, to and under Inited States entitled:
Tape Drive Head Cleaner	
Filing date: 11/06/98	Serial No.:09/187,138
continuations-in-part (C-I-P's), divisionals Letters Patent, and any and all Letters Pa	ent(s) set forth therein, and any and all continuations, s, and renewals of and substitutes for said application for said atent of the United States and of countries foreign thereto which any reissues, or reexaminations, or extensions of said Letters
be held and enjoyed by HP, its successor the term or terms for which said Letter	applications in my/our name for Letters Patent in any country, to ors, assigns, nominees or legal representatives, to the full end of s Patent respectively may be granted, reissued or extended, as ave been held and enjoyed by me/us had this assignment, and
that I/we have not executed and will not covenant and agree that I/we will, each deliver all such papers as may be necl improvement(s), said application and sat legal representatives, and I/we agree to said invention(s) or improvement(s), so proceedings, to sign all lawful papers, to reissue and foreign applications, to meverything possible to aid HP, its succession of the covernment of	have full right to convey the entire interest herein assigned, and of execute any agreement in conflict herewith, and I/we further time a request is made, and without undue delay, execute and cessary or desirable to perfect the title to said invention(s) or aid Letters Patent, to HP, its successors, assigns, nominees or communicate to HP, or to its nominee, all known facts respecting aid application and said Letters Patent, to testify in any legal to execute all disclaimers and divisionals, continuations, C-I-P's, take all rightful oaths and declarations, and generally to do assors, assigns, nominees and legal representatives to obtain and oper patent protection for said invention(s) or improvement(s) in isses which may be incurred by me/us in lending such cooperation
States and any official of any country or patents on applications as aforesaid, to i and all Letters Patent for said invention(uest the Commissioner of Patents and Trademarks of the United r countries foreign to the United States whose duty it is to issue issue to HP, as assignee of the entire right, title and interest, any s) or improvement(s), including any and all Letters Patent of the ind granted on or as a result of the application aforesaid, in ment.
application now identified by the attorned	P attorneys to insert the serial number and filing date of said by docket number and title set forth above as soon as the same the United States Patent and Trademark Office.
James anderse	Date Assignment Signed: Nov 1, 98
Inventor's Typed Name: James C. Anderson	Date Application Signed: Nov 5 98
State of Idaho)	,
County of Ada) ss.:	
Before me this 5 day of November, 1998 personally known or proved to me on the basis instrument of assignment to be his/her free act and	of sustant variants to be the person who acknowledged the foregoing dead. NO Notary Public My commission expires: 10/29/2004
(Use Page Two For A	Addition invariant sign tup (s)) Page 1 of 2 PATENT
	FAILNI

PATENT REEL: 9640 FRAME: 0601 When recorded please return to:
HEWLETT-PACKARD COMPANY
Legal Department, 20BN
P. O. Box 10301
Palo Alto, California 94303-0890

PATENT APPLICATION ATTORNEY DOCKET NO. 10981161-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

NTIW NI	IESS WHEREOF	, I we hereunto set my/οι	ur hand(s) and seal(s):	
	arrel R.	Bloomgint	Date Assignment Signed:_	Nov 6 1998
Inventor's	Signature (Seal)	U		
Inventor's	Typed Name: Darr	el R. Bloomquist	Date Application	n Signed: <u>Nov 6 1998</u>
State of	ldaho)		
County of	Ada) ss.: }		
Before	me this _6 day	of November, 1998, pers	sonally Darre	I R. Bloomquist who is
personally	known or proved	to me on the basis of satisfoe his/her free act and deed	NOTA BELIC	Notary Public My commission expires: 10/29/2004
Inventor's	Signature (Seal)		Dates enignation Signed:_	
Inventor's	Typed Name:		Date Application	n Signed:
04.45		1		
State of) ss.:		
County of)		
personally	known or proved	of, per I to me on the basis of satist be his/her free act and deed.	sonally appeared factory evidence to be the	who is person who acknowledged the foregoing
				Notary Public
				My commission expires:
			Data Assistance Signal	
Inventor's	Signature (Seal)		Date Assignment Signed:_	
Inventor's	r's Typed Name: Date Application Signed:			
State of)		
County of	:) ss.:)		
Refore	me this day	of . per	sonally appeared	who is
		I to me on the basis of satisbe his/her free act and deed.	factory evidence to be the	who is person who acknowledged the foregoing
				Notary Public My commission expires:

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

Page 2 of 2

PATENT REEL: 9640 FRAME: 0602