FORM PTO-1595	08-07-19	98 U.S. DEPARTMENT OF COMMERCE
1.31.92		THE NAME AND THE
	10078872	Attorney Docket No. 10970468-1
1. Name of conveying party(ies):	10010012	Name and address of receiving party(ies):
Richard D. Barndt		HEWLETT-PACKARD COMPANY
		Legal Department, M/S 20BN 3000 Hanover Street
		Palo Alto, CA 94304
Additional name(s) of conveying party(ies) attac	hed Yes 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): April 3, 1998		
4. Application number(s) or patent nur	nber(s):	
If this document is being filed togethe	er with a new applic	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Serial No.: 09/054,648 Date File	ed: 04/03/98	
	Additional number	ers attached? NO
Name and address of party to whom correspondering document should be mailed: Records Manager	•	6. Total number of applications and patents involved: 1
		7. Total Fee (37 CFR 3.41): \$40.00
HEWLETT-PACKARD COMPAN Legal Department, M/S 4U-10	Y	Enclosed
1501 Page Mill Road Palo Alto, CA 94304-1126		X Authorization to be charged to deposit account.
No. 100 245BO VIII SANANASS SASARASS ANAMES ANAMESTS	7.2)	8. Deposit Account Number: 08-2025
8706/1998 /SHABA77 00000033 082025 0905397 F F0:581 40:30 CH		THIS SPACE
	The same that th	
Statement and signature. To the best of my knowledge and ball	inf the f	Marmatian in true and account
To the best of my knowledge and beli true copy of the original document.	ær, rne roregoing in	iformation is true and correct and any attached copy is a
	0	
Leonor S.Tuck	Limbe	S. Tuck July 28, 1998
Name of Person Signing Total num	orgnature	Date glover sheet, attachments, and document: 2
OMB No. 0651-0011 (exp. 4/94)	Lo. or pages melaang	, sales energy accommence, and document
	Do Not detac	h this portion
Mail document to be recorded with rec	quired cover sheet i	nformation to:
		atents and Trademarks ssignment
		n, D.C. 20231 PATENT
Rev. 10/97 (Backlean)	and the second s	REEL: 9362 FRAME: 0552

When recorded please return to:

Legal Department, 20BN

bewlett-packard company

P. O. Box 10301 Palo Alto, California 94303-0890 PATENT APPLICATION

ATTORNEY DOCKET NO. 10970468-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a California 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:

Filing date: 04/03/98	Serial No.:09/054,648
continuations-in-part (C-l-P's), divisionals, and re Letters Patent, and any and all Letters Patent of t	et forth therein, and any and all continuations newals of and substitutes for said application for sai he United States and of countries foreign thereto whic ssues, or reexaminations, or extensions of said Letter
be held and enjoyed by HP, its successors, assign the term or terms for which said Letters Patent	ons in my/our name for Letters Patent in any country, to some nowinees or legal representatives, to the full end conserved respectively may be granted, reissued or extended, and held and enjoyed by me/us had this assignment, an
that I/we have not executed and will not executed covenant and agree that I/we will, each time a redeliver all such papers as may be necessary of improvement(s), said application and said Letters legal representatives, and I/we agree to communic said invention(s) or improvement(s), said applications, to sign all lawful papers, to execute reissue and foreign applications, to make all leverything possible to aid HP, its successors, assenforce, for its or their own benefit, proper patel	right to convey the entire interest herein assigned, an e any agreement in conflict herewith, and I/we further equest is made, and without undue delay, execute any desirable to perfect the title to said invention(s) of some Patent, to HP, its successors, assigns, nominees coate to HP, or to its nominee, all known facts respecting ation and said Letters Patent, to testify in any legal e all disclaimers and divisionals, continuations, C-I-P's rightful oaths and declarations, and generally to disigns, nominees and legal representatives to obtain an ant protection for said invention(s) or improvement(s) in may be incurred by me/us in lending such cooperation.
States and any official of any country or countrie patents on applications as aforesaid, to issue to Hand all Letters Patent for said invention(s) or imp	Commissioner of Patents and Trademarks of the Unite is foreign to the United States whose duty it is to issuate, as assignee of the entire right, title and interest, an rovement(s), including any and all Letters Patent of the donor as a result of the application aforesaid, in
application now identified by the attorney docket shall have been made known to them by the Unite	eys to insert the serial number and filing date of sai number and title set forth above as soon as the same of States Patent and Trademark Office. Date Assignment Signed:
nventor's Typed Name: Richard D. Barndt	Date Application Signed:
State of California) ss.:	
Sefore me this day of April, 1998, perso	onally appeared Richard D. Barndt who
personally known or proved to me on the basis of satisfactionstrument of assignment to be his/her free act and deed.	ctory evidence to be the person who acknowledged the foregoin
1000000	DRS. TUCK Stary Public S. Tuch

(Us Page Two For Additional Inventorial Signature;))

REC®R®ED: 08/03/1998

REEL: 9362 FRAME: 0553