	0-18-200	2 U.S. DEPARTMENT OF COMMERC	
1-31-92		SHEET Patent and Trademark Offic	
		Attorney Docket No. 10017839-1	
1. realite of conveying partyle	02253003	and address of receiving party(ies):	
Robert Wesley Luffel	01	HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400	
Additional name(s) of conveying party(ies) attached	Yes X No	Additional name(s) & address(es) attached? Yes X No	
3. Nature of Conveyance:		ပ်	
X Assignment	Merger	Change of Name	
Security Agreement	Other		
Execution Date(s): Respectively;06-06-20	002		
4. Application number(s) or patent number	er(s):		
If this document is being filed together v	ith a new appl	lication, execution date of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)	
 Application No.: 10/165,820	Date Filed: 06	5-07-2002	
Confirmation No.: 4249 A	 dditional numb	ers attached? NO	
Name and address of party to whom concerning document should be mailed	6. Total number of applications and patents involved: 1		
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400		7. Total Fee (37 CFR 3.41): \$40.00 Enclosed	
		X Authorization to be charged to deposit account.	
0/17/2002 TDIAZ1 00000157 082025 10165820			
1 FC:8021 40.00 CH		8. Deposit Account Number: 08-2025	
	DO NOT USE	E THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, true copy of the original document.	the foregoing i	information is true and correct and any attached copy is a	
Marci Santillanes Name of Person Signing	Naux Signature	Oct 09, 2002 Date	
· · · · · · · · · · · · · · · · · · ·	r of pages includ	ling cover sheet, attachments, and document: 3	
OMB No. 0651-0011 (exp. 4/94)	Do Not data	b this postion	
Mail document to be recorded with require	ed cover sheet Commission Box As	th this portion information to: ner for Patents ssignment n, D.C. 20231	

PATENT REEL: 013381 FRAME: 0540

PATENT APPLICATION

ATTORNEY DOCKET NO. 10017839-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

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:

Filing date:	06-07-2002	Application No.:	10/165,820
continuations-ir Letters Patent,	n-part (C-I-P's), divisionals, and any and all Letters Pa	e(s) set forth therein, and and renewals of and substitute atent of the United States and any reissues, or reexam	es for said application for said d of countries foreign thereto
to be held and of the term or	enjoyed by HP, its successo terms for which said Letter tirely as the same would ha	pplications in my/our name for ors, assigns, nominees or legal is Patent respectively may be ove been held and enjoyed by m	representatives, to the full end granted, reissued or extended
and that I/we further covenal execute and dinvention(s) or nominees or leg facts respecting in any legal prontinuations, generally to corepresentatives invention(s) or	have not executed and will nt and agree that I/we will eliver all such papers as rimprovement(s), said applicated representatives, and I/we geal representatives, and I/we geal invention(s) or improve coeedings, to sign all lace. I-P's, reissue and foreign to obtain and enforce, for	have full right to convey the ell not execute any agreement I, each time a request is made any be necessary or desirable ation and said Letters Patent, the agree to communicate to Heyement(s), said application and awful papers, to execute all applications, to make all rights aid HP, its successors, are its or their own benefit, progall countries provided the expensions are paid by HP;	in conflict herewith, and I/wedde, and without undue delay, at the toperfect the title to said to HP, its successors, assigns, or to its nominee, all known said Letters Patent, to testify disclaimers and divisionals, ful oaths and declarations, and assigns, nominees and legal per patent protection for said
States and any patents on app any and all Lett the United Sta	official of any country or co lications as aforesaid, to is ers Patent for said invention	t the Commissioner of Patents ountries foreign to the United S sue to HP, as assignee of the n(s) or improvement(s), includin nd granted on or as a result c ent.	tates whose duty it is to issue entire right, title and interest, ig any and all Letters Patent of
application now	identified by the attorney of	attorneys to insert the serial r docket number and title set for ne United States Patent and Tra	th above as soon as the same
IN WITNES	S WHEREOF, I/we hereunto	set my/our hand(s) and seal(s)) :
Inventor's Signature	Office e (Seal)	Date Assignment Signed:(0	06 02
Inventor's Typed N	ame: Robert Wesley Luffel	Date Application Sig	gned: 06-06-2002
State of Colorad	o)		
County of) ss.:)		
is personally know:	day of n or proved to me on the basis o nment to be his/her free act and de	, personally appeared Robert We f satisfactory evidence to be the perseed.	sley Luffel who son who acknowledged the foregoing
		N	lotary Public

PATENT 1 of 1
REEL: 013381 FRAME: 0541

My commission expires: