FORM PTO-1595	01-24-20	<u> </u>				
1-31-92		T Patent and Trademark Office				
MRD 12.20.99	1010500	Attorney Dock No 1099 471-1				
1. Name of conveying party(ies):	10125030	address of receiving partynes). 😼				
Steven W Trovinger		HEWLETT-PACKARD COMPANY				
Ross R Allen		Intellectual Property Administration				
Erik GVaaler		Fort Collins Colored 90539 0539				
		Fort Collins, Colorado 80928-9999				
Additional name(s) of conveying party(ies) atta	ached Yes X No	Additional name(s) & address(es) attached?YesX No				
3. Nature of Conveyance:						
X Assignment	Merger	Change of Name				
Security Agreement	Other					
Execution Date(s): November 23, 19	99, December 3, 19	99, November 24, 1999				
4. Application number(s) or patent nu	ımber(s):					
If this document is being filed togeth	ner with a new appli	cation, execution date of the application is:				
A. Patent Application No.(s)		B. Patent No.(s)				
Serial No.: Date Filed:	09/29/99					
PCT US99/23078	Additional number	ers attached? NO				
5. Name and address of party to whom correspondence 6. Total number of applications and patents involved:						
concerning document should be m	ailed:					
Records Manager HEWLETT-PACKARD COMPANY		7. Total Fee (37 CFR 3.41): \$40.00				
Legal Department, M/S 20B0		Enclosed				
3000 Hanover Street Palo Alto, California 94304		X Authorization to be charged to deposit account.				
		8. Deposit Account Number: 08-2025				
	DO NOT USE	THIS SPACE				
9. Statement and signature.						
To the best of my knowledge and be	elief, the foregoing in	formation is true and correct and any æached copy is a				
true copy of the original document.						
	1. A. A	F 1.4 % % %				
Alba P. Escobar	MbwY	19106a2 Dec 15, 1,999				
Name of Person Signing	Signature	Date &				
Total nu	mber of pages includi	ng cover sheet, attachments, and documen				
OMB No. 0651-0011 (exp. 4/94)		(80 8				
AA 31	Do Not detact					
Mail document to be recorded with re		nformation to:				
	Box As	reformation to: tents and Trademarks signment p. D.C. 20231				
	Washingtor	, D.C. 20231				
						

PATENT REEL: 010494 FRAME: 0802

PATENT APPLICATION

ATTORNEY DOCKET NO. 10991471-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

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:	09/30/99		_ Serial No.:_	US99/23	078	
continuations- Letters Patent	in-part (C-I-P's), di , and any and all Le	visionals, and re etters Patent of t	newals of and s he United States	substitutes and of co	iny and all continua for said application fo untries foreign thereto or extensions of said l	or said which
be held and el the term or te	njoyed by HP, its s erms for which said rely as the same w	uccessors, assig I Letters Patent	ns, nominees or respectively ma	legal repre y be grant	ters Patent in any coun esentatives, to the full ed, reissued or extend us had this assignmen	end of led, as
that I/we have covenant and deliver all sudimprovement(slegal represer respecting sailegal proceedic-I-P's, reissueverything poenforce, for it any and all	e not executed and agree that I/we with papers as may s), said application attives, and I/we d invention(s) or imings, to sign all late and foreign application to aid HP, its or their own ben	I will not execut II, each time a rebe necessary of and said Letter agree to commercovement(s), so wful papers, to cations, to make successors, assetit, proper pate the expenses	e any agreement of a comment of the	t in conflict and without erfect the fits success, or to its and said Le claimers are and declard legal in said investigation.	interest herein assigned therewith, and I/we set herewith, and I/we set turn undue delay, execuntitle to said inventions assors, assigns, nomined in a nominee, all known the set of the se	further te and n(s) or ees or facts in any ations, to do in and int(s) in
States and an patents on appartents on appartents on appartent and all Letters United States	y official of any co plications as afores Patent for said inv	untry or countrie aid, to issue to h rention(s) or imp sued and grant	s foreign to the IP, as assignee o rovement(s), inc	United Sta of the entir luding any	nd Trademarks of the ites whose duty it is to e right, title and interes and all Letters Patent the application aforesa	issue st, any of the
application no	ther authorize and w identified by the on made known to t	attorney docket	number and tit	le set forth	mber and filing date on above as soon as the mark Office.	of said same
al w	SS WHEREOF, I/we	hereunto set m	y/our hand(s) an ate Assignment Sign	d seal(s):	3/99	
Inventor's Signatu Inventor's Typed	ure (Seal) Name: <u>Steven W Trovin</u>	nar.	Data Applio	ation Signed	11/23/99	
State of Califor		\	Date Applic	ation oigned		
County of Santa		,) ss.:				
Before me this personally known	s 23 day of KOV	he basis of satisface act and deed. ALB Comm	onally appeared	e the person	who acknowledged the formation of the property	who is pregoing

Notary Public - California § Senta Clara County
My Corrin. Biplies Aug 20, 2003

PATENTof 2

REEL: 010494 FRAME: 0803

PATENT APPLICATION ATTORNEY DOCKET NO. 10991471-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITN	IESS WHEREOF, I we he	ereunto set my/our hand(s) and seal(s):
		Date Assignment Signed: 12/3/99
Inventor's	Signature (Seal)	Date Assignment Signed: 12/7/77
Inventor's	Typed Name: Ross R Allen	Date Application Signed: 12/3/55
State of	California)
County of	Santa Clara) ss. }
•		comble , personally appeared Ross R Allen who is
personally	known or proved to me or	the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrumen [.]	t of assignment to be his/her	The Designation of the state of
		Commission # 1232000 Notary Public
		Notary Public - California My commission expires:
		My Comm. Expires Aug 20, 2003
C.		, ,
<u> </u>	& Voal	Date Assignment Signed: 11/24/99
	Signature (Seal)	12/41/10
Inventor's	Typed Name: Erik G Vaaler	Date Application Signed: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
State of	California	
County of	Santa Clara) ss.: }
Refore	me this 24 day of W	KINDER personally appeared Erik G Vaaler who is
personally	known or proved to me or	the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrument	of assignment to be his/her t	ALBA P. ESCOBAR
		ALBA P. ESCOBAR Commission # 1232608 Notary Public
	Š	Notary Public - California My commission expires:
		Santa Clara County My Comm. Expires Aug 20, 2003
		Date Assignment Signed:
nventor's	Signature (Seal)	
nventor's	Typed Name:	Date Application Signed:
State of)
County of) ss.:
·		,
Before personally	me this day of known or proved to me on	, personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing
	of assignment to be his/her for	
		Nation Division
		Notary Public My commission expires:

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

Page 2 of 2

PATENT REEL: 010494 FRAME: 0804

RECORDED: 12/20/1999