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		Fort Collins, Colorado 80527-2400			
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3. Nature of Conveyance:		Additional manneys a quasi-assistant decision and a second decisio			
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Execution Date(s): 02/21/2001					
4. Application number(s) or patent numb					
If this document is being filed together	with a new applic	cation, execution date of the application is:			
A. Patent Application No.(s)		B. Patent No.(s)			
Serial No.: 09/783,445 Date Filed: Feb	. 14, 2001				
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REEL: 011764 FRAME: 0220

PATENT APPLICATION

ATTORNEY DOCKET NO. 10003603-1

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:

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Filing date: FFL. 14, 2001	Serial No.:	09/783,445		
and the invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of the may be granted thereon or therefor; and any reissipatent.	wals of and substite United States and	tutes for said application for said of countries foreign thereto which		
I/we additionally authorize HP to file applications be held and enjoyed by HP, its successors, assigns the term or terms for which said Letters Patent refully and entirely as the same would have been h transfer not been made;	, nominees or legal spectively may be	representatives, to the full end of granted, reissued or extended, as		
AND I/we hereby covenant that I/we have full rithat I/we have not executed and will not execute covenant and agree that I/we will, each time a requeliver all such papers as may be necessary or improvement(s), said application and said Letters Parepresentatives, and I/we agree to communicate to invention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execute reissue and foreign applications, to make all rigeverything possible to aid HP, its successors, assigenforce, for its or their own benefit, proper patent any and all countries provided the expenses which is and assistance are paid by HP;	any agreement in cuest is made, and volumest is made, and volumest tent, to HP, its successive tent, to HP, or to its nomine and said Letters and disclaimers and dins, nominees and legrotection for said	onflict herewith, and I/we further without undue delay, execute and the title to said invention(s) or essors, assigns, nominees or legal re, all known facts respecting said Patent, to testify in any legal divisionals, continuations, C-I-P's, eclarations, and generally to do regal representatives to obtain and invention(s) or improvement(s) in		
AND I/we hereby authorize and request the Co States and any official of any country or countries patents on applications as aforesaid, to issue to HP, and all Letters Patent for said invention(s) or impro United States which may be issued and granted accordance with the terms of this assignment.	foreign to the Unite , as assignee of the vement(s), including	d States whose duty it is to issue entire right, title and interest, any any and all Letters Patent of the		
I/we further authorize and direct HP attorney application now identified by the attorney docket n shall have been made known to them by the United	umber and title set	forth above as soon as the same		
IN WITNESS WHEREOF, I/we hereunto set my/o	our hand(s) and seal	(s):		
Inventor's Signature (Seat)	Assignment Signed:	2/21/01		
Inventor's Typed Name: David T. Bruce	Application S	igned: 3/3/01 2/13/01		
State of Idaho)	HIN	, , , , , , , , , , , , , , , , , , , ,		
County of Ada } ss.:	TARA			
personally known or proved to me on the basis of sett factor		Person who acknowledged the foregoing		
	/	My commission expires: 02/12/2001		

RECORDED: 04/30/2001

nature(s)) Page 1 of 1

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