FORM PTO-1595 1-31-92		8-2000	U.S. DEPARTMENT OF COMMERCE	
RE			Patent and Trademark Office	
	• • • •	489992	Attorney Docket No. 10992082-1	
1. Name of conveying party(ies):	101	Z. ivame and add	ress of receiving party(ies):	
David H. Hanes			CKARD COMPANY	
John M. Main	~	Intellectual Pro P.O. Box 2724	operty Administration 100	
Stephen F. Bayless	(200)		olorado 80527-2400	
C	.25.00			
-	1			
			The second secon	
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): Respectively; Mar 3	30, 2000			
4. Application number(s) or patent num	nber(s):			
If this document is being filed togethe	er with a new applic	cation, execution da	ate of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)		
Serial No.: 09/542,405 Date Filed: 4	/3/00			
	Additional number	ers attached? NO		
5. Name and address of party to whor concerning document should be ma		6. Total number o	f applications and patents involved: 1	
Records Manager		7. Total Fee (37 C	CFR 3.41): \$40.00	
HEWLETT-PACKARD COMPAN	Υ	Enclose	d	
3404 East Harmony Road Mail Stop 79				
Fort Collins, CO 80528		_X Authori	zation to be charged to deposit account.	
		8. Deposit Accou	unt Number:08-2025	
	DO NOT USE	THIS SPACE		
9. Statement and signature.				
To the best of my knowledge and bel true copy of the original document.	lief, the foregoing in	nformation is true a	and correct and any attached copy is a	
Michael Kraft	MAL		Sep 20, 2000	
Name of Person Signing	Signature	///	Date	
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			DATENT	

PATENT REEL: 011156 FRAME: 0163 HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

PATENT APPLICATION ATTORNEY DOCKET NO. 10992082-1

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 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: 4/3/00	Serial No.:	09/542,405
and the invention(s) and improvement(s) continuations-in-part (C-I-P's), divisionals, and Letters Patent, and any and all Letters Patent of may be granted thereon or therefor; and any Patent.	renewals of and s of the United States	ubstitutes for said application for said and of countries foreign thereto which
I/we additionally authorize HP to file applic be held and enjoyed by HP, its successors, assisterm or terms for which said Letters Patent respentirely as the same would have been held an been made;	gns, nominees or leg pectively may be gra	al representatives, to the full end of the inted, reissued or extended, as fully and
AND I/we hereby covenant that I/we have that I/we have not executed and will not exe covenant and agree that I/we will, each time deliver all such papers as may be necessary improvement(s), said application and said Lette representatives, and I/we agree to communicat invention(s) or improvement(s), said application to sign all lawful papers, to execute all discl foreign applications, to make all rightful oaths aid HP, its successors, assigns, nominees and own benefit, proper patent protection for said provided the expenses which may be incurred by HP;	cute any agreement a request is made, or desirable to purs Patent, to HP, its to HP, or to its not and said Letters Palaimers and division and declarations, an legal representative dinvention(s) or in	in conflict herewith, and I/we further and without undue delay, execute and erfect the title to said invention(s) or successors, assigns, nominees or legal ominee, all known facts respecting said tent, to testify in any legal proceedings, als, continuations, C-I-P's, reissue and digenerally to do everything possible to see to obtain and enforce, for its or their approvement(s) in any and all countries
AND I/we hereby authorize and request the States and any official of any country or country and all Letters Patent for said invention(s) or in United States which may be issued and granted with the terms of this assignment.	tries foreign to the o HP, as assignee o mprovement(s), incl	United States whose duty it is to issue f the entire right, title and interest, any uding any and all Letters Patent of the
I/we further authorize and direct HP att application now identified by the attorney doc shall have been made known to them by the Un	ket number and titl	e set forth above as soon as the same
IN WITNESS WHEREOF, I/we hereunto set	my/our hand(s) and Date Assignment Signed:	
Inventor's Typed Name: David H Hanes	Date Applicati	on Signed: 3-30-2000
State of Colorado)		
) ss.: County of Larimer)		
Before me this 30H day of March 2000, personally known or proved to me on the basis of satisfactor of assignment to be his/her free act and deed.	personally appeared ory evidence to be the pe	David H Hanes who is rson who acknowledged the foregoing instrument

When recorded please return to:

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

PATENT APPLICATION
ATTORNEY DOCKET NO. 10992082-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set m	ny/our hand(s) and seal(s):
Challe Mein	Date Assignment Signed: 3/30/00
Inventor's Signature (Seal)	Date Assignment Signed.
Inventor's Typed Name: John M Main	Date Application Signed: 3/30/00
State of Colorado)	
County of Larimer) ss.:	
Before me this 30th day of Mosch 2000 personally known or proved to me on the basis of satisf of assignment to be his/her free act and deed.	D, personally appeared John M Main who is actory evidence to be the person who acknowledged the foregoing instrument And C. Curring ham Notary The Commission Expires Nov. 5, 2003 My commission expires:
Inventor's Signature (Seal)	
Inventor's Typed Name: Stephen F Bayless	Date Application Signed: 3/36/2000
State of Colorado)	
County of Larimer	
Before me this 301k day of March 200 personally known or proved to me on the basis of satisfa of assignment to be his/her free act and deed.	O, personally appeared Stephen F Bayless who is actory evidence to be the person who acknowledged the foregoing instrument Sunda C Cumuncham Notary My Commission Expires Nov. 5, 2003 My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of) ss.:	
County of	
Before me this day of	, personally appeared who is ctory evidence to be the person who acknowledged the foregoing instrument
	Notary Public
	Mar appropriate a province.
	My commission expires:

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

Page 2 of 2

Rev 11/99 (Assign)

RECORDED: 09/25/2000

PATENT REEL: 011156 FRAME: 0165