FORM PTO-1595 1-31-92 R	09-11-2001		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
			Attorney Docket No. 10006049-1		
Name of conveying party(ies): Richard D. Harrah	10183		cress of receiving party(ies):		
Humberto A. Sanchez II Jeffrey R. Finz	-)	Intellectual Pr P.O. Box 272	operty Administration 400		
Mary Thomas Robb	-,	Fort Comms, C	Colorado 80527-2400		
Terence E. Lister			- â		
Paula Curtis					
Additional name(s) of conveying party(ies) attached	I_X_Yes 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): 08-06,06-25,07-30,0	6-25,06-26,07	-13,07-06,2001			
4. Application number(s) or patent number	er(s):				
If this document is being filed together v	vith a new appli	ication, execution	date of the application is:		
A. Patent Application No.(s)			B. Patent No.(s)		
Application No.: 09/855,937	Date Filed: 05	5-15-2001			
Confirmation No.:	dditional numb	ers attached? NO	_		
5. Name and address of party to whom of concerning document should be mailed		6. Total number of	of applications and patents involved: 1		
Records Manager HEWLETT-PACKARD COMPANY		7. Total Fee (37 (CFR 3.41): \$40.00		
Legal Dept. MS 79		Enclose	ed		
3404 E. Harmony Road Fort Collins, CO 80528	· •	X Author	ization 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 belief, true copy of the original document.	the foregoing i	information is true	and correct and any attached copy is a		
Augustus W. Winfield Name of Person Signing	Signature	~ infield	Aug 29, 2001		
Total numbe	er of pages includ	ling cover sheet, atta	achments, and document:6		
OMB No. 0651-0011 (exp. 4/94)					
Mail document to be recorded with requir		information to:			
9/10/2001 LINELLER 00000132 082025 09855 37		ner for Patents			
01 FC:581 40.00 CH		ssignment n, D.C. 20231			

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

Attorney Docket No. 10006049-1

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Douglas P. Drees	HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

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

ATTORNEY DOCKET NO. 10006049-1

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:

• •	Letters Patent of the Unite EXECUTION VIA ROLES	ed States entitled:		
Filing date:	5-15-01	Serial No	·.:	09/855937
continuations-in-p Letters Patent, an	art (C-I-P's), divisionals, a d any and all Letters Pater	and renewals of a nt of the United St	nd sub ates a	and any and all continuations ostitutes for said application for sai and of countries foreign thereto which nations, or extensions of said Letter
be held and enjoy the term or terms	ed by HP, its successors, s for which said Letters P as the same would have	assigns, nominees atent respectively	or le may	e for Letters Patent in any country, t gal representatives, to the full end o be granted, reissued or extended, a by me/us had this assignment, an
that I/we have no covenant and agr deliver all such p improvement(s), s representatives, a invention(s) or in proceedings, to s reissue and forei everything possib enforce, for its or	ot executed and will not ee that I/we will, each ting papers as may be necessed and application and said Lend I/we agree to community of the community of the control of th	execute any agreeme a request is maked any or desirable tetters Patent, to Helicate to HP, or to indication and said execute all disclaines all rightful oathers, assigns, noming patent protection	ment inde, ande, are to perform the second terms and terms and terms are to for second terms are the seco	ne entire interest herein assigned, and in conflict herewith, and I/we furthered without undue delay, execute and fect the title to said invention(s) of successors, assigns, nominees or legal minee, all known facts respecting saiders. Patent, to testify in any legal and divisionals, continuations, C-I-P's declarations, and generally to deal declarations, and generally to deal declarations or improvement(s) is by me/us in lending such cooperations.
States and any of patents on applica and all Letters Pa United States wi	ficial of any country or co ations as aforesaid, to issu tent for said invention(s) (ountries foreign to le to HP, as assign or improvement(s), granted on or as	the Ui ee of includ	Patents and Trademarks of the Unite nited States whose duty it is to issu the entire right, title and interest, an ding any and all Letters Patent of th esult of the application aforesaid, i
application now is	authorize and direct HP dentified by the attorney d lade known to them by the	docket number and	title	serial number and filing date of sai set forth above as soon as the sam nd Trademark Office.
Invertor's Signature (S	WHEREOF, I/we hereunto	Date Assignment	Signed	: 6 AUGUST 2001
Inventor's Typed Nam	e: Richard D. HARRAH	Date A	Applicati	ion Signed: 6 AULUT ZOOI
State of)			
County of) ss.:)			
	day of		l <u>Ri</u>	chard D. HARRAH who the person who acknowledged the foregoin
				Notary Public

PATEN•¶e 1 of

My commission expires:

When recorded please return to:

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

PATENT	APPLICATION
ATTORNEY DOCKET NO.	10006049-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

demant A. Jana II		Date Assignment Signed: 25 Jun 28*/
Inventor's Signature (Seal)		
Inventor's Typed Name: Humber	to A. SANCHEZ II	Date Application Signed: 25 ひょうしん ことなく
State of)	
) ss.:	
County of)	
Before me this day of	f	, personally appeared Humberto A. SANCHEZ II who is satisfactory evidence to be the person who acknowledged the foregoing
personally known or proved to instrument of assignment to be h		
		Notary Public
		My commission expires:
		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Jeffrey	R. FINZ	Date Application Signed:
State of)) ss.:	
County of)	
Before me this day of personally known or proved to instrument of assignment to be h	me on the basis of	, personally appeared <u>Jeffrey R. FINZ</u> who is satisfactory evidence to be the person who acknowledged the foregoing d.
		Notary Public
		My commission expires:
Marthana	RHs	Date Assignment Signed: 4/25/2001
nventor's Signature (Seal)		bute Assignment Signed.
nventor's Typed Name: Mary Th	omas ROBB	Date Application Signed: 6/25/2001
State of)	
County of) s s.:	
Before me this day of personally known or proved to instrument of assignment to be hi	me on the basis of s	, personally appeared <u>Mary Thomas ROBB</u> who is satisfactory evidence to be the person who acknowledged the foregoing I.
		Notary Public
		My commission expires:

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

Page 2 of

When recorded please return to:
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Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATEN	IT APPLICATION
ATTORNEY DOCKET NO.	10006049-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set r	my/our hand(s) and seal(s):
Inventor's Signature (Seet)	Date Assignment Signed: <u> </u>
Inventor's Typed Name: Humberto A. SANCHEZ II	Date Application Signed: 25 りょうこう
State of	
County of	
Before me this day of	, personally appeared Humberto A. SANCHEZ II who is satisfactory evidence to be the person who acknowledged the foregoing ed.
	Notary Public My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed: 7/30/01
Inventor's Typed Name: Jeffrey R. FINZ	Date Application Signed: 1/30/01
State of	
County of) ss.:	
Before me this day of	, personally appeared <u>Jeffrey R. FINZ</u> who is satisfactory evidence to be the person who acknowledged the foregoing ed.
	Notary Public My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed: 6/25/2001
Inventor's Typed Name: Mary Thomas ROBB	Date Application Signed: 6/25/2001
State of	
County of	
Before me this day of personally known or proved to me on the basis of instrument of assignment to be his/her free act and de	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public My commission expires:
	·

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

Page

When recorded please return to:

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

PATENT APPLICATION
ATTORNEY DOCKET NO. 10006049-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we here	unto set my/	our hand(s) and se	eal(s):			
Anna Francisco				1-1-11	,	
Inventor's Signature (Seal)		Date Assignment Sig	gned:	6/26/	o j	
Inventor's Typed Name: Terence E. LISTER	?	D-4 A 1	B - 41 - 61	ned: 6/	26/01	
		Date Appli	lication Sign	ned:		
State of)) ss.:					
County of)					
Before me this day of	ne basis of sat	, personally appeared _ isfactory evidence to	Terence E be the per	E. LISTER rson who ack	nowledged the	who is fciregoing
				Notary Public My commission exp	pires:	·
Paula (Seal)		Date Assignment Sign		_		
Inventor's Typed Name: Paula CURTIS		Date Applie	ication Sign	ed: 7/13	101	ar i
State of)			·	•	
County of) ss.:					
Before me this day of	ie basis of sati	personally appeared _ sfactory evidence to t	Paula CUR be the per	RTIS son who acki	nowledged the	_ who is foregoing
				Notary Public My commission exp	ires:	
nventor's Signature (Seal)	(1-	Date Assignment Sign	ned:	16/01		
nventor's Typed Name: Douglas P. DREES		Date Applic	cation Signe	ed: <u> </u>	01	
State of	}					
County of) ss.:)					
Before me this day of ersonally known or proved to me on the enstrument of assignment to be his/her free a	e basis of satis	personally appeared _ factory evidence to b	Douglas P. De the pers	DREES son who ackn		_ who is oregoing
			N	lotary Public		
				1y commission expi	res:	

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

Page 1

RECORDED: 09/04/2001

Rev 10/00 (Assign2)