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	100767900	Attorney Docket No. 10971817-1			
	1. Name of conveying partyties).	د. الامالة and address of receiving party(ies):			
	Matthew K. Schwiebert	HEWLETT-PACKARD COMPANY			
	Ron Barnett	Legal Department, M/S 20BN 3000 Hanover Street Palo Alto, CA 94304			
	Geary L. Chew				
	Gerald J. Gleason				
d	Dean B. Nicholson				
0					
6	Additional name(s) of conveying party(ies) attached $\underline{\hspace{1cm}}$ Yes $\underline{\hspace{1cm}}$ No	Additional name(s) & address(es) attached?Yes _X_ No			
1	3. Nature of Conveyance:				
meo	X Assignment Merger	Change of Name			
	Security Agreement Other				
_	Execution Date(s): 04/15/98, 04/01/98, 06/02/98, 06/2	24/98, and 04/15/98 respectively			
	4. Application number(s) or patent number(s):				
	If this document is being filed together with a new appl	ication, execution date of the application is:			
	A. Patent Application No.(s)	B. Patent No.(s)			
	Serial No.: 09/031,864 Date Filed: 02/27/98				
	Additional numbers attached? NO				
	5 Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
1 .	Records Manager	7. Total Fee (37 CFR 3.41): \$40.00			
	HEWLETT-PACKARD COMPANY Linda A. limura	Enclosed			
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	Palo Alto, CA 94304-1126	Authorization to be charged to deposit account.			
		8. Deposit Account Number: 08-2025			
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	9. Statement and signature.				
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	Linda A. limura				
	Name of Person Signing Signature	Date			
	Total number of pages including	ng cover sheet, attachments, and documents 5			
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#### PATENT APPLICATION

ATTORNEY DOCKET NO. 10971817

#### **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a California 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: February 27, 1998	Serial No.: <u>09/031,864</u>
continuations-in-part (C-I-P's), divisional Letters Patent, and any and all Letters	ment(s) set forth therein, and any and all continuations als, and renewals of and substitutes for said application for said Patent of the United States and of countries foreign thereto which and reissues, or reexaminations or extensions of said Letters
be held and enjoyed by HP, its success the term or terms for which said Lette	e applications in my/our name for Letters Patent in any country, to sors, assigns, nominees or legal representatives, to the full end of ers Patent respectively may be granted, reissued or extended, as have been held and enjoyed by me/us had this assignment, and
that I/we have not executed and will covenant and agree that I/we will, each deliver all such papers as may be not improvement(s), said application and segal representatives, and I/we agree to said invention(s) or improvement(s), proceedings, to sign all lawful papers, reissue and foreign applications, to everything possible to aid HP, its succenforce, for its or their own benefit, p	we have full right to convey the entire interest herein assigned, and not execute any agreement in conflict herewith, and I/we further that time a request is made, and without undue delay, execute and eccessary or desirable to perfect the title to said invention(s) or said Letters Patent, to HP, its successors, assigns, nominees or communicate to HP, or to its nominee, all known facts respecting said application and said Letters Patent, to testify in any legal to execute all disclaimers and divisionals, continuations, C-I-P's make all rightful oaths and declarations, and generally to detessors, assigns, nominees and legal representatives to obtain and proper patent protection for said invention(s) or improvement(s) interess which may be incurred by me/us in lending such cooperation
States and any official of any country patents on applications as aforesaid, to and all Letters Patent for said invention	quest the Commissioner of Patents and Trademarks of the United or countries foreign to the United States whose duty it is to issue to HP, as assignee of the entire right, title and interest, any n(s) or improvement(s), including any and all Letters Patent of the and granted on or as a result of the application aforesaid, in grantent.
application now identified by the attor	HP attorneys to insert the serial number and filing date of said ney docket number and title set forth above as soon as the same by the United States Patent and Trademark Office.
Inventor's Signature (Seal)	Date Assignment Signed: 4/15/98  Date Application Signed: 4/15/98
Inventor's Typed Name: Matthew K. Schwiebert	Date Application Signed: $4/15/98$
State of	. cd :
County of )	. See Attached
Before me this day of	, personally appeared Matthew K. Schwiebert who is so of satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public  My commission expires:

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Page 1 of 3

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### PATENT APPLICATION

ATTORNEY DOCKET NO. 10971817

#### **ASSIGNMENT OF PATENT APPLICATION (cont.)**

IN WITNESS WHEREOF, I we hereunto set	my/our hand(s) and seal(s):
	. 1 -
In Darnell	Date Assignment Signed: 4/1/98
Inventor's Signature (Seal)	11.100
Inventor's Typed Name: Ron Barnett	Date Application Signed: 4/1/98
State of Calefornia	
Country of Parta Clara 1ss.	f satisfactory evidence to be the person who acknowledged the foregoing
1st 2.1/109	0
Before me this \( \) day of \( \) day of \( \) personally known or proved to me on the basis of	f satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and de	eed.
	KALE SEPOLICON Nodor Polic
Santa Clara County  My Comm. Expires Jun 28, 2001	KAE & FERGUSON Notary Pholic Commission # 1144146 y commission expires: Usure 28, 200 Notary Public California Sonta Clara County
Commission # 1144148 Z	Sand Start Start
KATHY FERGUSON	My Comm Expires Jun 28, 2001
Luces Milian	Date Assignment Signed: 6/3/96
Inventor's Signatur (Seell)	·
Inventor's Typed Name: Geary L. Chew	Date Application Signed: 42/95
State of California ) County of Santa Clara, ) ss.	
Country of Starte Clance 1 ss.	
Before me this 2 day of June 1999	Compl. Char
personally known or proved to me on the basis o	cf satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and de	eed.
•	Notery Publi:
	Notary Publi: Ny commission expires: /C/27/9')
v v v v v v v v v v v v v v v v v v v	Commission #1072456 Notary Public — California
	Santa Clara County y Comm. Expires Oct 27,1999
Mull J Steam	Date Assignment Signed:
Inventor's Signature (Seal)	υΛ
Inventor's Typed Name: Gerald J. Gleason	Date Application Signed: Lune 24, 1998
State of (all for near ) ss.  County of Calla (Cara)	
Before me this 34 day of	S personally appeared Gerald J. Gleason who is
personally known or proved to me on the basis of	of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and de	eed.
3000	Notary Public
	UNDA A. IMURA
	Notary Public — Calif <b>ornia</b>
	Santa Clara County My Comm. Expires Oct 27,1999
(Use Page Three For A	Additional Inventor(s) Signature(s)) Page 2 of 3

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# PATENT APPLICATION ATTORNEY DOCKET NO. 10971817

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

IN WITNESS WH	EREOF, I we hereun	nto set my/our hand(s) and se	eal(s):	
Dean B. Inventor's Signature (		Date Assignment S	igned: 4//5/98	Million (Alto Andrei Carlos (19 <del>00) (1900) (1900) (1900)</del> (1900)
-	ne: <b>Dean B. N</b> icholson	Date App	plication Signed: 4//5	198
State of	)	The second secon	- A SSE CO. And All the Control of t	The second secon
County of	) s }	ss.:	<	. Attacheel
personally known or	day of proved to me on the nent to be his/her free ac	personally appeared basis of satisfactory evidence to ct and deed.	Dean B. Nicholson	who is
			Notary Public Mry commission expires:	
		Date Assignment S	igned:	MANAGORA MIGO-SIA
Inventor's Signature (	Seal)			
Inventor's Typed Nam	ne:	Date App	olication Signed:	
State of	)	ss.:		
County of	)			
personally known or	day of	, personally appeared basis of satisfactory evidence to ct and deed.	be the person who acknowled	who is ged the foregoing
			Notary Public  My commission expires:	
Inventor's Signature (	Seal)	Date Assignment Si	igned:	
		Data Ana	dication Claude	
	16:	Date App	olication Signed:	
State of	) } s	ss.:		
County of	)			
personally known or	day of	, personally appeared basis of satisfactory evidence to ct and deed.	be the person who acknowled	who is ged the foregoing
			Notary Public	

(Use Next Page For Additional Inventor(s) Signature(s)) PATENT Page  $^3$  of  $^3$ REEL: 9309 FRAME: 0639

My commission expires:

State of California			
County of Sonoma			
On April 15, 1998 before m	ne, Cindi L. Buell, Notary Public  NAME, TITLE OF OFFICER E.G. JANE DOE, NOTARY PUBLIC.		
personally appeared Matthew K. Schr	wiebert and Dean B. Nicholson  NAME(S) OF SIGNER(S)		
personally known to me OR - Improved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ar subscribed to the within instrument and acknowledged to me that he/she/they execute the same in his/her/their authorize capacity(ies), and that by his/her/the signature(s) on the instrument the person(s or the entity upon behalf of which the person(s) acted, executed the instrumen WITNESS my hand and official seal.  WITNESS my hand and official seal.  WITNESS my hand and official seal.  Cindi L. Buell  OPTIONAL			
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