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MODILLIAN					
5-10-00	1013695	O2 Attorney Docket No. 10971184-1			
1. Name of conveying party(ies)	• [	z. Name and address of receiving party(ies):			
Ronny Lee Arnold		HEWLETT-PACKARD COMPANY Intellectual Property Administration			
Donald Charles Soltis, Jr.	10	P.O. Box 272400			
		Fort Collins, Colorado 80528-9599			
(	A CONTRACTOR OF THE PROPERTY O				
	والمتعاون والمتع				
Additional name(s) of conveying party(ie	es) attachedYes _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): Jan 27, 2000	า				
4. Application number(s) or pate					
If this document is being filed to	ngether with a new appli	cation, execution date of the application is:			
_	sgother with a new appli-				
A. Patent Application No.(s)		B. Patent No.(s)			
Serial No.: 09/493,504 Date F	iled: 1/28/00	l			
	Additional numb	ers attached? NO			
5. Name and address of party to		6. Total number of applications and patents involved: 1			
concerning document should be mailed:		7. Total Fee (37 CFR 3.41): \$40.00			
Records Manager HEWLETT-PACKARD COI	WPANY				
3404 E. Harmony Road		Enclosed			
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		8. Deposit Account Number: _08-2025			
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FC:581 40.00 CH	11100				
Tara A. Schulze	May 06, 2000				
Name of Person Signing	Signature	Date			
	otal number of pages includ	ling cover sheet, attachments, and document: 4			
OMB No. 0651-0011 (exp. 4/94)					
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Mail document to be recorded with required cover sheet information to:  Commissioner of Patents and Trademarks					
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PATENT REEL: 010812 FRAME: 0147

ATTORNEY DOCKET NO. 10971184-1

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 da	te:_1/28/00	Serial No.:	09/493,504
continua Letters F	itions-in-part (C-I-P's), divisionals, a Patent, and any and all Letters Paten	nd renewals of and it of the United Stat	ein, and any and all continuations, substitutes for said application for said es and of countries foreign thereto which caminations, or extensions of said Letters
be held a term or t	and enjoyed by HP, its successors, as terms for which said Letters Patent r as the same would have been held	ssigns, nominees or l espectively may be g	name for Letters Patent in any country, to legal representatives, to the full end of the granted, reissued or extended, as fully and /us had this assignment, and transfer not
that I/we covenant deliver a improver represen invention to sign foreign a aid HP, own ber	e have not executed and will not et and agree that I/we will, each timall such papers as may be necessment(s), said application and said Leitatives, and I/we agree to communically or improvement(s), said applicationally all lawful papers, to execute all diapplications, to make all rightful oath its successors, assigns, nominees and pefit, proper patent protection for said	xecute any agreement a request is made are or desirable to ters Patent, to HP, cate to HP, or to its on and said Letters Is and declarations, and legal representations or invention(s) or	ey the entire interest herein assigned, and ent in conflict herewith, and I/we further e, and without undue delay, execute and perfect the title to said invention(s) or its successors, assigns, nominees or legal nominee, all known facts respecting said Patent, to testify in any legal proceedings, onals, continuations, C-I-P's, reissue and and generally to do everything possible to ves to obtain and enforce, for its or their improvement(s) in any and all countries g such cooperation and assistance are paid
States a patents and all L United S	and any official of any country or co on applications as aforesaid, to issue Letters Patent for said invention(s) o	untries foreign to the to HP, as assignee or improvement(s), in	of Patents and Trademarks of the United the United States whose duty it is to issue to of the entire right, title and interest, any including any and all Letters Patent of the of the application aforesaid, in accordance
applicati	ve further authorize and direct HP ion now identified by the attorney o ve been made known to them by the	locket number and t	the serial number and filing date of said title set forth above as soon as the same t and Trademark Office.
IN V	VITNESS WHEREOF, I/we hereunto s	et my/our hand(s) ar	nd seal(s):
Ro	- Las Anold	Date Assignment Sign	ed: 1/27/02
Inventor's	Signature (Seal)		cation Signed: 1/27/00
inventor's	Typed Name: Ronny Lee Arnold	Date Applic	cation Signed: // 2 1/(%)
State of	Colcrado		
County of	) ss.: Larimer		
personally	re me this <b>ZH</b> day of <b>JANUARY 20</b> known or proved to me on the basis of satisfigent to be his/her free act and deed.	<b>,</b> personally appeared actory evidence to be the	Ronny Lee Arnold who is person who acknowledged the foregoing instrument Sinda C. Cunnincham
			Notary Public  My co.My.Commission Expires Nov. 5, 2003

Page 1 of 2

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. 10971184-1

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

IN WITNESS WHEREOF, I we I	hereunto set	my/our band(s) and seal(s):	
Lorald Warle Sollnventor's Signature (Seal)	A.C.	Date Assignment Signed:	1-77-30
nventor's Typed Name: Donald Charle	es Soltis Jr.	Date Application S	Signed: 1-77-00
State of Colorado	)		
County of Larimer	) ss.: )		
Before me this <b>27th</b> day of <b>5</b> personally known or proved to me on of assignment to be his/her free act and	the basis of sati	personally appeared <u>Dona</u> isfactory evidence to be the person	Anda C. Cunningham  Notan Public My Commission expires: Expires Nov. 5, 2003
nventor's Signature (Seal)		Date Assignment Signed:	
nventor's Typed Name:		Date Application S	igned:
State of	)		
County of	) ss.: )		
Before me this day of personally known or proved to me on to of assignment to be his/her free act and	the basis of satis	, personally appeared sfactory evidence to be the person	who is who acknowledged the foregoing instrument
			Notary Public
			My commission expires:
nventor's Signature (Seal)		Date Assignment Signed:	
nventor's Typed Name:		Date Application S	gned:
tate of	)		
County of	) ss.: )		
	he basis of satis	, personally appearedsfactory evidence to be the person	who is who acknowledged the foregoing instrument
			Notary Public My commission expires:

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

Page 2 of 2

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PATENT REEL: 010812 FRAME: 0149

**RECORDED: 05/16/2000**