FORM PTO-1595	11-07-2	000	U.S. DEPARTMENT OF COMMERCE			
1-31-92			ET Patent and Trademark Office			
	1015071	75	Attorney Docket No. 10992780-1			
1. Name of conveying party(ies):	1010071		address of receiving party(ies):			
Wayne E. Foote		HEWLETT	-PACKARD COMPANY			
David J. Arcaro			al Property Administration			
Kenneth E. Heath		P.O. Box	272400 is, Colorado 80527-2400			
B. Mark Hirst			-,			
Mark Wibbels		18-2	3-08			
Additional name(s) of conveying party(ies) attached	edYes _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): June 20, 2000; June	e 21, 2000; June	22, 2000; Jur	ne 27, 2000;			
4. Application number(s) or patent number	per(s):					
If this document is being filed together	with a new applic	cation, executio	on date of the application is:			
A. Patent Application No.(s)		B. Patent No.(s)				
Serial No.: 09/611,803 Date Filed: Jul	у 7, 2000					
	Additional numbe	rs attached? _	<u>NO</u>			
5. Name and address of party to whom concerning document should be maile		6. Total numb	er of applications and patents involved: 1			
Records Manager		7. Total Fee (3	37 CFR 3.41): \$40.00			
HEWLETT-PACKARD COMPANY P.O. Box 8906		Enc	losed			
Vancouver, WA 98668-8906		_ X Aut	horization to be charged to deposit account.			
		8. Deposit Ad	ccount Number: 08-2025			
	DO NOT USE	THIS SPACE				
9. Statement and signature.	- Marie All Marie and Mari					
•	f, the foregoing in	formation is tru	ue and correct and any attached copy is a			
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Laura L. Mann	Jana 9	1. Wkin	Oct 19, 2000			
Name of Person Signing	Signature	1	Date			
	er of pages includir	ng cover sheet, a	nttachments, and document:			
OMB No. 0651-0011 (exp. 4/94)			0,000 (0,000 (0,00			
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Mail document to be recorded with requ		ntormation to: ner for Patents	교회 DE 2년 2년			
	Box A	ssignment				
	Washingto ———	n, D.C. 20231	97/20 10:581			
Rev 10/00 (Recdasgn)			DATENT 3 8			

REEL: 011200 FRAME: 0932

Fort Collins, Colorado 80528-9599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10992780-1

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,

success	ors and as	signs, the e	e of my/our ob ntire right, title nt of the United	and interest, i	including			
Reducin	g A Temp	erature Diffe	rential In A Fix	ing Device				
Filing da	ite: Jul	y 7, 200	00	Seria	No.:	09/611,8	03	
continua Letters F	itions-in-p Patent, an	art (C-I-P's), d any and al	improvement(s divisionals, ar Letters Patent erefor; and any	nd renewals of t of the United	f and su States a	bstitutes for and of countri	said applicati es foreign the	on for said ereto which
be held the term fully and	and enjoy 1 or terms	ed by HP, it for which a as the same	HP to file applis successors, a said Letters Pare would have l	assigns, nomine tent respective	ees or le ely may	gal represent be granted, r	atives, to the eissued or ex	full end of ctended, as
that I/w covenandeliver a improve legal represpection legal procedure. C-I-P's, everything enforce, any and	e have not and agreall such perment(s), spresentations occeedings reissue and for its order all could all	t executed be that I/we apers as maid applicatives, and I/vention(s) or to sign all differed for eight application and their own their o	t that I/we have and will, each time ay be necessation and said Lawe agree to comprovement lawful papers oplications, to relate the experse paid by HP;	ecute any agrice a request is a request is a record or desirable etters. Patent, communicate as, said applicate, to execute anake all rightfus, assigns, non patent protect.	eement made, and to he to he, to he, to he, to he, to he to he, to he to	in conflict he nd without ur fect the title its successors or to its nor said Letters and diand declarationd legal represaid invention	rewith, and Indue delay, e to said inves, assigns, n minee, all kr Patent, to te visionals, cor ons, and genesentatives to (s) or improv	/we further xecute and ention(s) or ominees or nown facts stify in any atinuations, erally to do obtain and ement(s) in
States a patents and all L United S	nd any of on applica etters Pat States wh	ficial of any tions as afo ent for said ich may be	re and request country or courtry or courtry or courtesaid, to issue invention(s) or issued and gothis assignment	intries foreign to HP, as assi improvement(granted on or	to the U gnee of s), inclu	nited States v the entire right ding any and	whose duty it nt, title and ir all Letters Pa	is to issue nterest, any ntent of the
applicati	on now ic	lentified by	nd direct HP a the attorney do to them by the	ocket number a	and title	set forth abo	ve as soon a	ate of said s the same
IN V	VITNESS V	WHEREOF, I	/we hereunto s	et my/our hand	d(s) and	seal(s):		
Inventor's	Signature (S	E. Jeg	-	_ Date Assignm	ent Signed	1: 6/20	100	
		: Wayne E Foo	ite	Dat	te Applicat	ion Signed:	120/00	
State of	Idaho		}					
County of	Ada) ss.:)					
Before personally instrument	me this At known or post assignment	day of horoved to me ent to be his/he	on the basis of r free act and desc	OTAR		the person who Notary Public My commiss	man 1	24
Rev 12/99 (A	ssign)	(Use	Page Two For Addition	onal inventor(s) Signs	et re(s))		Page	1 of 3

Page 1 of 3 **PATENT**

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PATENT APPLICATION ATTORNEY DOCKET NO. 10992780-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

y/our hand(s) and seal(s):
Date Assignment Signed: 65/21/86
Date Application Signed:
Date Application Signed:
personally appeared. David J Arcaro who is the person who acknowledged the foregoing the person who acknowledged t
Date Assignment Signed:
Date Application Signed: 6 2,2 CC
personally appeared Kenneth E Heath who is strated who acknowledged the foregoing OTAA Notary Public
Notary Public My commission expires: 5/3/66
Date Application Signed:
Page 2 of 3

Rev 11/99 (Assign)

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

PATENT APPLICATION
ATTORNEY DOCKET NO. 10992780-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITN	IESS WHEREOF, I we her	eunto set my.	our hand(s) and sea	al(s):			
	2012 M. A.M.	7					
	1	·	Date Assignment Sign	ned:	6	?(3CCC
Inventor/s	Signature (Seal)				-		
Inventor's	Typed Name: Mark Wibbels		Date Assignment Sign	cation Sig	ned:	6: 1	76 300
State of	Idaho)					
County of) ss.:)					
Before personally instrument	e me this Adday of Adday of Adday of Adday of known or proved to me on to to fassignment to be his/her fre	the basis of sate act and deed.	permially appears issisted available to b	3			who ded the foregoing for the foregoing the
Inventor's	Signature (Seal)		Date Assignment Sign	ed:			
Inventor's	Typed Name:		Date Applic	ation Sign	ned:		
State of)) ss.:					
County of)					
Before	me this day of		, personally appeared				who
personally	known or proved to me on to of assignment to be his/her free	the basis of sati	isfactory evidence to be	e the per	son who	acknowle	dged the faregai
				_	Notary Publi	c	
					•	sion expires:	
nuontas'a	Cianatura (Caal)		Date Assignment Signe	ed:			
nventors	Signature (Seal)						
nventor's	Typed Name:		Date Applica	ation Sigr	ed:		
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County of)					
personally	me this day of known or proved to me on the of assignment to be his/her free	he basis of sati					who dged the foregoin
					Votary Public		
					My commiss		

Page 3 of 3

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

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RECORDED: 10/23/2000