	09-13-	-2001			
FORM PTO-1595 1-31-92		MIN MARAN (MINI ANDRE 280) (C	ER SHEET	U.S. DEPARTMENT Patent and T	OF COMMERCE Frademark Office
	10184	0812		Attorney Docket No. 1	0014211-1
1. Name of conveying part	ty(ies):		2. Name and add	lress of receiving party(ie:	s):
Abdlmonem H. Beitelm	al 19/1/1/1		HEWLETT-PA	CKARD COMPANY	
Cullen E. Bash	0//04/01		Intellectual Pr P.O. Box 272	operty Administration	
Chandrakant D. Patel				Colorado 80527-2400	
Additional name(s) of conveying	party(ies) attached	Yes X No	Additional name(s) &	address(es) attached?Ye	esX No
3. Nature of Conveyance:					
X Assignment		Merger		Change of Name	
Security Agree	ement	Other			
Execution Date(s): 04/28/	2001				
4. Application number(s) of	or patent number(s)	•			
If this document is being			ication execution	date of the application is:	
if this document is being	med together with	a new appi	cation, execution		
A. Patent Application No.	(s)			B. Patent No.(s)	
Application No.: 09/843,7	61 Da	te Filed: 04	1/30/2001		
Confirmation No.: 9181	Addit	ional numb	ers attached? NO		
5. Name and address of p		spondence	6. Total number	of applications and patent	s involved <u>:1</u>
concerning document s	hould be mailed:		7 Total Fee (37	CFR 3.41): \$40.00	
Records Manager HEWLETT-PACKAF	RD COMPANY				
Ann Jesus			Enclos	ed	
1501 Page Mill Rd Palo Alto, CA 943			_X Author	rization to be charged to o	Jeposit account.
09/12/2001 DBYRHE 00000229 00	1		9 Danasit Acco	unt Number: 08-2025	
01 FC:581 40.00 CH			<u> </u>	unt Number. 00-2023	
	'D	O NOT US	E THIS SPACE		
9. Statement and signatur	re.				
To the best of my knowle	edge and belief, the	foregoing	information is true	and correct and any atta	ched copy is a
true copy of the original d	'ocument.				
		•			
Lloyd E. Dakin, Jr.		Z\$ ()	ZJ /	Aug 27,2001	
Name of Person Signing	Sig	nature		Date	
	Total number of	pages inclu	ding cover sheet, att	achments, and document:	3
OMB No. 0651-0011 (exp.	4/94)				
	D	o Not deta	ch this portion		
Mail document to be reco	rded with required				
			oner for Patents Assignment		
			on, D.C. 20231		

PATENT REEL: 012147 FRAME: 0062

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014211-1

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

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:

• •	O THERMAL REGULATIN			C VALVE CONTROL
Filing date:_	04/30/2001		Serial No.:	09/843,761
continuations Letters Pater	s-in-part (C-I-P's), divisions. nt. and anv and all Lette	onals, and renewers Patent of the	als of and subs United States an	and any and all continuations, stitutes for said application for said d of countries foreign thereto which ations, or extensions of said Letters
be held and the term or	enjoyed by HP, its succ terms for which said Lotirely as the same wou	essors, assigns, etters Patent res	nominees or leg pectively may b	for Letters Patent in any country, to al representatives, to the full end of e granted, reissued or extended, as by me/us had this assignment, and
that I/we had covenant and deliver all simprovement representative invention(s) proceedings, reissue and everything penforce, for any and all of	ave not executed and ward agree that I/we will, ouch papers as may be t(s), said application and ves, and I/we agree to core improvement(s), say, to sign all lawful paper foreign applications, to sign all the foreign applications, to sign all the fits such that its or their own benefit	ill not execute a each time a requescent or delegated in the each time a request of the each application area to execute a to make all rights or proper patent is	ny agreement in est is made, and esirable to perfect to HP, its suited and said Letter and said Letter and said said and some and some and some said to said some said said said said said said said said	e entire interest herein assigned, and a conflict herewith, and I/we further d without undue delay, execute and ect the title to said invention(s) or accessors, assigns, nominees or legal inee, all known facts respecting said in Patent, to testify in any legal d divisionals, continuations, C-I-P's, declarations, and generally to do d legal representatives to obtain and aid invention(s) or improvement(s) in the province of the
States and a patents on a and all Lette United State	any official of any count applications as aforesaid ers Patent for said inven	ry or countries for to issue to HP, tion(s) or improved and granted	oreign to the Un as assignee of t ement(s), includ	atents and Trademarks of the United ited States whose duty it is to issue he entire right, title and interest, any ing any and all Letters Patent of the sult of the application aforesaid, in
application i	urther authorize and dir now identified by the at een made known to ther	tornev docket nu	ımber and title s	erial number and filing date of said set forth above as soon as the same d Trademark Office.
Bell .		Date	Assignment Signed:	04/28/201
Inventor's Type	ed Name: <u>Abdimonem H. BEIT</u>	ELMAL	Date Application	on Signed: 04/20/200/
State of)			
County of)) ss.:		
personally kno	this day of wn or proved to me on the assignment to be his/her free a	basis of satisfactor	lly appeared Ab y evidence to be t	tilmonem H. BEITELMAL who is he person who acknowledged the foregoing
				Notary Public

PATEN T^{©e 1 of 2} REEL: 012147 FRAME: 0063

My commission expires:

Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. 10014211-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

(with	h —	B. Assis	04-28-2001
nventor's Signature (Sea	al)	Date Assignment Signed:	
nventor's Typed Name:_		Date Application 5	Signed: 04-28-2001
riventor's Typed Name		Date Application	
State of)) ss.:		
County of)		
Before me this personally known or pro-	_ day ofoved to me on the basis of	, personally appeared <u>Cullen</u> satisfactory evidence to be the	E BASH who is person who acknowledged the foregoing
nstrument of assignmen	t to be his/her free act and dec	ed.	
			Notary Public My commission expires:
	26all	Date Assignment Signed:	04-28-200 Signed: 04-28-200
Inventor's Signature (Sea			04-18-200
Inventor's Typed Name:	Chandrakant D. PATEL	Date Application	Signed:
)		
State of) ss.:		
State of County of) ss.:)		
County of Before me this personally known or pr) day of	, personally appeared <u>Chane</u> satisfactory evidence to be the ed.	drakant D. PATEL who is person who acknowledged the foregoing
County of Before me this personally known or pr	_ day of roved to me on the basis of	satisfactory evidence to be the	person who acknowledged the foregoing
County of Before me this personally known or pr	_ day of roved to me on the basis of	satisfactory evidence to be the	person who acknowledged the foregoing Notary Public My commission expires:
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Before me this personally known or prinstrument of assignment Inventor's Signature (Se	day of	satisfactory evidence to be the ed. Date Assignment Signed:	Notary Public My commission expires:
Before me this personally known or prinstrument of assignment of a	day of	satisfactory evidence to be the ed. Date Assignment Signed: Date Application Dersonally appeared f satisfactory evidence to be the	Notary Public My commission expires: Signed:
Before me this personally known or prinstrument of assignment Inventor's Signature (Se Inventor's Typed Name: State of County of Before me this personally known or pi	day of	satisfactory evidence to be the ed. Date Assignment Signed: Date Application Dersonally appeared f satisfactory evidence to be the	Notary Public My commission expires: Signed:

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

Page 2 of 2

RECORDED: 09/04/2001

PATENT REEL: 012147 FRAME: 0064