Ψ
m
۰
ш
15.5
М.
м
œ
G
٧.
н
А
١.
١.
O
r
Н
7
٤
Ŀ
Ŀ
Ġ,
n
v
П
'n
L

FORM DTO 4 50 5			
FORM PTO-1595 1-31-92	2000 A TION F AG	A COVED CHEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
REC	CORDATION FOR PATENTS O		Attorney Docket No. 200300295-1
	FAILNIG		
1. Name of conveying party(les):			lress of receiving party(ies):
Minh H. Nguyen		HEWLETT-PA 20555 SH 24	CKARD DEVELOPMENT COMPANY, L.P.
Donald Caballero		Houston, TX	
Paul E. Westphall			
Additional name(s) of conveying party(ies) attache	ed X Yes No	Additional name(s) &	address(es) attached?Yes _X_ No
3. Nature of Conveyance:			
X Assignment	Merger		Change of Name
Security Agreement	Oth e r		
Execution Date(s): Feb 19,2003			
4. Application number(s) or patent num	her(s):		
If this document is being filed together	with a new appli	cation, execution of	iate of the application is:
A. Patent Application No.(s)			B. Patent No.(s)
Application No.: 10/368,853	Date Filed: Fe	b 19, 20 03	
Confirmation No.: 5446	Additional numbers attached? NO		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of	of applications and patents involved: 1
Records Manager		7. Total Fee (37	CFR 3.41): \$40.00
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclose	ed
P.O. Box 272400		X Author	ization to be charged to deposit account.
Fort Collins, Colorado 80527-2400			
		8. Deposit Account 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.	of, the foregoing i	information is true	and correct and any attached copy is a
	/	1	
Susan J. Scott	heren	. I lan	Jul 28, 2003
Name of Person Signing	Signature		Date
·	nber of pages includ		achments, and document: 4
OMB No. 0651-0011 (exp. 4/94)			
	Do Not detac	h this portion	
Mail document to be recorded with requ			
Di	irector of the US Pa	ent Recordation Serv Itent and Trademark Box 1450	Office
		DUX 143U VΔ 22313-1450	DATENT

Rav 05/03**7,00038011**

REEL: 013836 FRAME: 0125

When recorded please return to:

HEWLETT PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80627-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. 200300295-1

ASSIGNMENT OF PATENT APPLICATION

I/Wie, the undersigned (cach) have agreed and hereby agree to assign to HEW LETT-PACKARD DEVELOPMENT COMPANY. L.P., a Texas Limited Partnership having its principal place of business in

Company and and assigns,	its subsidiaries an Tho entire right,	id affiliates, and o title and interest,	do heroby assign and including the right	ligations to the Hew transfer to HPDC, its of priority, in, to an	successors
	Letters Patent of		ол tified:		
KEMOVABLE	RAWILS FOR USE	ON RACKS			
	fiet.	. =	UNIT	- /2/0	<u> </u>
Filling dete:	<i>\</i> Z// <i>1/0</i>	25	Application No.: _		853
continuations-l Letters Patent,	n-part (C+)-P's), d and any and all t	iv (s) on als, and roetters Patent of the	nowars of and substa he United States and	nd any and all co tutes for said applica of countries foreign th ions, or extensions of	tion for said tereto w hich
country, to be the full end of extended, as	held and enjoyed the term of term:	by HPDC, its suc s for which said L as the same w	cessors, assigns, nor etters Patent respect	r name for Lettors Pi minees or legal repres lively may be granted and enjoyed by mo	entatives, to , reissued of
that I/we have covenant and deliver all suc improvement(s) legal represent rospecting said (C-I-P's, reissue everything posand enforce, fein any and all	not executed an agree that I/We with papers as may), said application latives, and I/we invention(s) or in 193, to sign all late and foreign application to aid HPDC or its or their own	d will not execut lit, each time a rabe necessary or and said Letters agree to commission for a personal to make the successors, benefit, proper pled the expansors.	e any agreement in congress is made, and volumest is made, and volumest is made, and volumest is made, and volumest is made and self application and self rightful daths and assigns, nominens astent protection for se	ntire interest herein a onflict herewith, and without undue delay, the title to said invisuoeessors, assigns, to its nominee, all id Letters Patent, to the and divisionals, or decistrations, and gend legal representativald invention(s) or impurred by me/us in identifications.	I/w e further execute and rention(s) or nominees or known facts estify in any introductions, herally to do es to obtain
States and any patents on app any and all Let the United Sta	official of any co lications as afore: ters Patent for sa	untry or countric Said, to issue to F id invention(s) or e issued and gra	s (oreign to the Unite IPDC, as assignee of Improvement(s), inclu	nts and Trademarks of d States whose duty the entire right, title a ding any and all Lotte It of the application a	it is to issue and intorest. ers Patont of
sald application	now identified b	y the attorney do	ocket number and titl	ne serial number and 1 le set forth above as t and Trademark Offic	soon as the
IN WITNES	S W HÉREOF, I/W	e hereunto set my	/our hand (s) and seat	H(\$) :	
Inventor's Signatur	h Igupu	Date	Assignment Signod:	2/19/03	
Inventor's Typod N	ame: _M.mn_HNguyea		Date Application S)gned:	
State of Yexas)			
County of Harris) ss.:)			
personally known	day of	the basis of satisfac	nally appearedMintH. tory evidence to be the p	Nguyao	who is

PATENT2 REEL: 013836 FRAME: 0126

NOTARY PUBLIC 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. 200300295-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

inventor's Signature (Seal) Date Application Signed: 2 19-03 State of Texas 1 65.: Before morthis	V/ 1	ald Calvallero		- 10
Statu of Texas Date Application Signed: 2: 19.03 Sector of Texas Date Application Signed: 2: 19.03 Decompy of Harrin Before me this day of personally appeared Denski, Pakalikon Personally Known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the formstrument of assignment to be his/her free act and deed. Date Application Signed: 02 - 73 - 03 Date Application Signed: 03 - 73 - 03 Date Application Signed: 04 - 73 - 03 Date Application Signed: 05 - 05 - 05 - 05 - 05 Date Application Signed: 05 - 05 - 05 - 05 Date Application Signed: 05 - 05 - 05 -	100m		Dato Assignment Signed	2-19-03
Status of Texas 1	in pentor's	Signature (Sea))		
Before morthis	inventor's	Typed Namo: Donald Caballero	Date Applic	Sation Signed: 2-19-03
Before morthis	Statu of	Texas)	
Before months		, = 4 # =		
Date Assignment Signed: Date Application Si	County of	Натгия	1	
Date Assignment Signed: Date Application Si	Before	mo thisday of	. personally appeared	Donald Caballero who
Date Assignment Signature (Seal) Date Assignment Signature (Seal) Inventor's Typed Name: Paul E. Westphall Date Application Signature (Seal) Natary Public My commission express) SS.: Date Application Signature (Seal) Natary Public Date Application Signature (Seal) Natary Public Natary Public Natary Public Natary Public Date Application Signature Date Application Signature (Seal) Natary Public Date Application Signature (Seal) Date Application Signature (Seal) Date Application Signature Date Application Signature (Seal) Date Application Signature Date Applic	personally	known or proved to me on t	he basis of satisfactory uvidence to b	o the person who acknowledged the foregoin
Date Assignment Signature (Seal) Date Application Signed: Date Application Signed: Date Application Signed: Date Application Signed: State of Texas Sounty of Harris Date Application Signed: Da	instrument	of assignment to be his/hor fra	e act and deed.	
Date Assignment Signature (Seal) Date Application Signed: Date Application Signed: Date Application Signed: Date Application Signed: State of Texas Sounty of Harris Date Application Signed: Da				
Date Assignment Signed:				
Inventor's Typed Name: Paul E. Westphell parsonally appeared Paul E. Westphell personally appeared Paul E. Westphell personally appeared Paul E. Westphell Paul E. Westphell personally appeared Paul E. Westphell				My commission expires:
nventor's Typed Name: Paul E. Westphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the for native public My commission expires: Date Assignment Signature (Seal) Date Application Signed: Date Application Si				
nventor's Typed Name: Paul E. Westphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the for native public My commission expires: Date Assignment Signature (Seal) Date Application Signed: Date Application Si				
nventor's Typed Name: Paul E. Westphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the for native public My commission expires: Date Assignment Signature (Seal) Date Application Signed: Date Application Si		/- · / /		
nventor's Typed Name: Paul E. Westphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell parsonally appeared Paul E. Wastphell personally appeared Paul E. Wastphell personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the for native public My commission expires: Date Assignment Signature (Seal) Date Application Signed: Date Application Si	/anl	E. Wagto	Date Assignment Signed:	O2-17-03
State of Texas)	nventor's:	Signature (Seal)		
State of Texas)				
Before me this	nventor's	Typad Name: Paul E. Westphall	Date Applic	ation Signed:
Before me this	itare of	Turas	,	
Before meithis				
Date Assignment Signature (Seal) Inventor's Typod Name: Interior of a strict	County of	Harris		
Date Assignment Signature (Seal) Inventor's Typod Name: Interior of a strict				
Date Assignment Signad: Date Assignment Signad: Date Application Sig	Before	me this day of	personally appeared	Paul £. W.ostpha#
Date Assignment Signad: Inventor's Signature (Seal) Inventor's Typed Name: Itato of Itato of	personally i	known or provod to me on ti	to basis of satisfactory evidence to be	the person who acknowledged the foregoing
Date Assignment Signed: ventor's Signature (Seal) ventor's Typed Name:	nstrument	of assignment to be his/her free	e act and deed,	
Date Assignment Signed: ventor's Signature (Seal) ventor's Typed Name:				
Date Assignment Signed: Iventor's Signature (Seal) Iventor's Typed Name:				Alminey Dubile
Iventor's Typed Name:				reactive parties
Iventor's Typed Name:				•
Iventor's Typed Name:				•
Iventor's Typed Name:				•
Iventor's Typed Name:				•
Date Application Signed: tato of) %5.: ounty of Before me this day of				•
tato of)) %%.: ounty of) Before me this day of			Date Assignment Signod:	My саттіккоп ехрігея:
tato of)) %%.: ounty of) Before me this day of	iventor's S		Date Assignment Signad:	My саттіккоп ехрігея:
) %%.: ounty of Before me this day of		ignature (Seal)		My commission explos:
cunty of) Before me this day of		ignature (Seal)		My commission explos:
Before me thisany_ of	iventar's T	ignature (Seal)	Date Applica	My commission explos:
arsonally known or proved to mak on the basis of satisfactory evidence to be the person who acknowledged the fore strument of assignment to be his/hor from not and deed. Notary Public	iventar's T	ignature (Seal)	Date Applica	My commission explos:
arsonally known or proved to mak on the basis of satisfactory evidence to be the person who acknowledged the fore strument of assignment to be his/hor from not and deed. Notary Public	iventar's T	ignature (Seal)	Date Applica)) %5.:	My commission explos:
Strument of assignment to be his/bor from not and deed. Notery Public	oventor's T tato of ounty of	ignature (Seal) ypod Name:) Date Applica	My commission explose:
Notary Public	iventor's T tato of cunty of Before n	ignature (Seal) yped Name:	Date Applica) %5.:) personally appeared	My commission explose: Ition Signed:
•	tato of cunty of Before n	ignature (Seal) yped Name: ne this day of nown or proved to me on th	Date Applica) ss.:)	My commission explose: Ition Signed:
•	iventor's T tato of cunty of Before n ersonally k	ignature (Seal) yped Name: ne this day of nown or proved to me on th	Date Applica) ss.:)	My commission explose: Ition Signed:
My commission expres:	tato of cunty of Before n	ignature (Seal) yped Name: ne this day of nown or proved to me on th	Date Applica) ss.:)	My commission explose: Ition Signed: who is the person who acknowledged the foregoing
	iventor's T tato of cunty of Before n ersonally k	ignature (Seal) yped Name: ne this day of nown or proved to me on th	Date Applica) ss.:)	My commission express: Ition Signed: Who is the person who acknowledged the foregoing

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

Page 2 of 2

PATENT REEL: 013836 FRAME: 0127