U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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A. Mark S. TRACY			HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.			
B. Jeffrey A. LEV			20555 SH 249 Houston, TX 77070			
C. Walter J. RANKINS			Houston, I	X 77070		
D. Walter FRY						
Additional name(s) of conve	eying party(les) attache	ed? ∐Yes ⊠N	Additional nam	e(s) and address(es) attached?	es XNo	
3. Nature of Conveyance					☐ Joint	
X Assignment	☐Merger	Change	of Name	Security Agreement		
Other				·		
Execution Date(s): A. 0 4. Application number(s) If this document is be	or patent number(s):	, 01/30/2007 tion, execution	D. 01/30/2007 date of the application is:		
A. Patent Application						
A Patent Application Application No.:		Date File	d: 01/31/2007			
Confirmation No.: 5413 B. Patent No.(s):						
Confirmation (40	,410					
Additional numbers att			Tetal nu	nher of applications and patents in	nvolved: 1	
5. Name and address of	of party to whom corr	espondence	6. Total number of applications and patents involved:1			
concerning documer	K should be maked.		7. Total Fee (37 CFR 3.41): \$40.00			
Records Manager	. Administration		Enclosed			
Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400			X_Authorization to be charged to deposit account.			
			1 _	8. Deposit Account Number: 08-2025		
Statement and signal To the best of my ki copy of the original	nowledge and belief,	the foregoing in	nformation is tru	e and correct and any attached co	opy is a true	
Jonathan Name of Pers	on Signing	Am	MAD Signature	O7/11/20 Date	07	
То	tal number of pages	including cover	SHEEL, ALLACHIN	ents, and documents: 4		
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Rev 10/06a (RecdAsgn)

PATENT REEL: 019547 FRAME: 0193 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

County of

assignment to be his/her free act and deed.

PATENT APPLICATION

ATTORNEY DOCKET NO.

200602114-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, einafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its

THAT DIFFERS FRO	M THE INTERFACE TYPE	BLE TO RECEIVE A DEVICE HAVE OF THE SLOT	INCATINI DI CANCELLA DE LA CANCELLA DEL CANCELLA DE LA CANCELLA DEL CANCELLA DE LA CANCELLA DE L
market and the	01/31/2007	Ameliantian Na.	11/669,434
P's), divisionals, and Patent of the United reissues, or reexaminative additional for which said same would have be AND I/we have not execute that I/we will, each it necessary or desira Patent, to HPDC, or to its non Letters Patent, to the continuations, C-LP do everything possional paid by HPDC; AND I/we and any official of applications as afor	renewals of and substitute States and of countries for all ones, or extensions of samply authorize HPDC to file HPDC, its successors, associated and enjoyed by me are processors as and will not execute any me a request is made, and the to perfect the title to se successors, assigns, nor all files and known facts respectify in any legal proceeding is, reissue and foreign applied to aid HPDC, its successors which may be to aid HPDC, its successors which may be the expenses which may be the expenses which may be the expenses which may be any country or countries esaid, to issue to HPDC, and on or as a result of the and or as a result of the and or as a result of the angle of	applications in rhyotor traine to age applications in rhyotor traine and age are granted, reissued or extension and this assignment, and translave full right to convey the entire in agreement in conflict herewith, and without undue delay, execute and aid invention(s) or improvement(s) minees or legal representatives, a ecting said invention(s) or improve age, to sign all lawful papers, to execute and inventions, to make all rightful oaths assors, assigns, nominees and legal training successions assigns, including successions are foreign to the United States who as assigned of the entire right, title application aforesaid, in accordance	etters Patent in any country, to be alives, to the full end of the term or ended, as fully and entirely as the fer not been made; atterest herein assigned, and that I/we further covenant and agree deliver all such papers as may be, said application and said Letters and I/we agree to communicate to enert(s), said application and eald cute all disclaimers and divisionals, and declarations, and generally to eall representatives to obtain and coperation and assistance are to cooperation and assistance are differently it is to issue patents or and interest, any and all Letters and interest, any and all Letters and the United States and interest, any and all Letters and the United States are with the terms of this assignment and number and filling date of said
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be issued and grant L/we furthe application now ide been made known	S WHEREOF, I've hereunto	set number and trademark Office. set mylour hand(s) and seal(s): Older Assis	30/07 Imment Signed 30/67 Ication Signed

Notary Public My Commission Express ENT

Mark S. TRACY

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who is personally

known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of

, personally appeared

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

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ASSIGNMENT OF PATENT APPLICATION (cont.)

nventor's Signature (Seal)		Date Assignment Signed	
(Mainer a pidusone local)		,	
feffrey A. LEV		Date Application Signed	
nventor's Typed Name		Date Whiteans all the	
State of))'ss::		
County of	3		, s. g
Before me this day of	, personally appeared	Jeffrey A LEV	who is personally
Before me this day of known or proved to me on the bar assignment to be his/her free act an	sis of satisfactory evidence to be the	io beizou wuo sckuowiendao ma m	DIEGORIA III SII GITTELII VA
assignment to be maritimined our an	*	Notiny Public My Commission Expires:	
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Inventor's Signature (Seal)		Date Assignment Signed	
U		1/30/47	
Welter J. RANKINS: Inventor's Typed Name		Date Application Signed	
State of) } es.:		
County of	, , , , , , , , , , , , , , , , , , , ,		
and the second second	, personally appeared	Walter J. RANKINS	who is personall
Before me this day of known or proved to me on the ba	asis of satisfactory evidence to be	the person who acknowledged the	foregoing Irstrument o
assignment to be his/her free act a	nd deed.	Notary Public	
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Inventor's Signature (Seal)	Jy	Date Assignment Signed	
<i>f</i> ,	f.		
Walter FRY	the property of the control of the c	Date Application Signed	
Walter FRY Inventor's Typed Name			
Walter FRY Inventor's Typed Name State of)) 38%		,
Inventor's Typed Name)) 352)	Walter FRY	who is persona

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My Commission PASTENT

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Weller FRY

State of

County of

Inventor's Typed Name

Nev 10/08# (Assignment)

assignment to be his/her free sot and dead.

RECORDED: 07/11/2007

PATENT APPLICATION HEWLETT-PACKARD COMPANY Intellectual Property Administrator 200602114-1 P.O. Box 272400 ATTORNEY DOCKET NO. Fort Collins, Colorado 50527-2400 ASSIGNMENT OF PATENT APPLICATION (cont.) 4N WITKERS WHEREOF, I/We hereunto set my/eur hand(s) and seal(s): 30 JAN 2007 Dale Assignment Signed inventor's Signalure (Seal) 30 JAJ 2007 Date Application Signed Jeffrey A. LEV Inventor's Typed Name State of) £8.: County of who is personally Jettrey A. LEV , personally appeared_ known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of day of assignment to be his/her free act and deed. NOTETY PUBLIC My Commission Expirest Date Assignment Signed Inventor's Signature (Seal) Walter J. RANKINS Date Application Signed Inventor's Typed Name State of) as.: County of Walter J. RANKINS who is personally , personally appeared Before me this day of known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and dead. Notice Public My Commission Expirest Date Assignment Signed Inventor's Signature (Seal)

Page 2 of 2

Before me this day of personally appeared Walter FRY who is personally known or proved to me on the basis of estisfactory evidence to be the person who seknowledged the foregoing instrument of

) se.:

My Commission Expirem **PATENT**

Date Application Signed

NOTE PLAN

Walter FRY

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who is personally