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ATTORNEY DOCKET NO. 200501908-1

01-27-2006

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103166202 2. Name and address or recovering party(les): Peter C. Nicholson David E. Smith Kenneth B. Wade Additional name(s) of conveying party(les) attached? Yes Xino Xi	RECOR	
1. Name of conveying party(ies): Peter C. Nicholson David E. Smith Kenneth B. Wade Additional name(s) of conveying party(ies) attached? Yes Xino Xino		103166202
David E. Smith Kenneth B. Wade Additional name(s) of conveying party(es) attached? Yes ENo Additional name(s) and address(es) attached? Yes ENo Application No. Application No. Application No. B. Patent No. (s): Additional numbers attached? NO Additional name(s) and address(es) attached? Yes ENo Application No. Application No. Application No. B. Patent No. (s): Additional numbers attached? NO Application No. Application N	Name of conveying party(ies):	2. Name and address or receiving party(ies):
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Additional name(s) of conveying party(ies) attached? Yes Xino Additional name(s) and address(es) attached? Yes Xino	David E. Smith	20555 SH 249
3. Nature of Conveyance: Assignment	Kenneth B. Wade	Houston, TX 77070
3. Nature of Conveyance: Assignment		112949 U.S. PTC 11/334634
X Assignment	Additional name(s) of conveying party(ies) attached? Yes	XNo Additional name(s) and address(es) attached? Yes No
Execution Date(s):1-17-06 for all parties 4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is:1-17-06 for all parties A. Patent Application No.(s) Application No.: Date Filed: Confirmation No.: B. Patent No.(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 9. Statement and signature. To the best of my knowledge and bekief, the foregoing information is true and correct and any attached copy is a true copy of the original document. BYRNE 00000223 082025 11334634 40.00 Michael Dryja Total number of pages including coversheet, attachments, and documents: Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450		
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Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 9. Statement and signature. To the best of my knowledge and bekief, the foregoing information is true and correct and any attached copy is a true copy of the original document. BYRNE 0000023 082025 11334634 40.00 Michael Dryja Name of Person Signing Total number of pages including coversheet, attachments, and documents: Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450	concerning document should be mailed:	7. Total Fee (37 CFR 3.41): \$40.00
Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 9. Statement and signature. To the best of my knowledge and bekief, the foregoing information is true and correct and any attached copy is a true copy of the original document. BYRNE 00000223 082025 11334634 40.00 Michael Dryja Total number of pages including coversheet, attachments, and documents: Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450	Records Manager	England
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Copy of the original document. BYRNE 00000223 082025 11334634 40.00 Michael Dryja Signature Date Total number of pages including coversheet, attachments, and documents: 4 Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450		
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Mail Stop Assignment Recordation Services, Director of the USP TO, P.O. Box 1450, Alexandres, Viv. 2017	Total number of pages including cover	ersheet, attachments, and documents: 4
•	Documents to be recorded (including cover	sheet) should be faxed to (703) 306-5995, or mailed to: tor of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450
	Mail Stop Assignment Recordation Services, Direct	

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200501908-1

ASSIGNMENT OF PATENT APPLICATION

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, Texas. (hereinafter HPDC), in furtherance of myour obligations to the Hewlett-Packard Company and its

subsidiaries and affiliates, and do hereby assign and train	nsfer to HPDC, its successors and assigns, the entire right, under an application for Letters Patent of the United States
Perceptible flickering reduction	V
Filing Date:	Application No.:
P's), divisionals, and renewals of and substitutes for said Patent of the United States and of countries foreign the reissues, or reexaminations, or extensions of said Letters I/we additionally authorize HPDC to file applicate held and enjoyed by HPDC, its successors, assigns, nor terms for which said Letters Patent respectively may be same would have been held and enjoyed by me/us had to AND I/we hereby covenant that I/we have full rive have not executed and will not execute any agreement that I/we will, each time a request is made, and without oncessary or desirable to perfect the title to said inventing Patent, to HPDC, its successors, assigns, nominees of HPDC, or to its nominee, all known facts respecting said Letters Patent, to testify in any legal proceedings, to sign continuations, C-I-P's, reissue and foreign applications, and one everything possible to aid HPDC, its successors, a enforce, for its or their own benefit, proper patent protecountries provided the expenses which may be incurred paid by HPDC; AND I/we hereby authorize and request the Countries provided of any country or countries foreign to applications as aforesaid, to issue to HPDC, as assigned and any official of any country or countries, including be issued and granted on or as a result of the application. I/we further authorize and direct the attorneys	tions in my/our name for Letters Patent in any country, to be ninees or legal representatives, to the full end of the term or a granted, reissued or extended, as fully and entirely as the his assignment, and transfer not been made; ght to convey the entire interest herein assigned, and that I/ ent in conflict herewith, and I/we further covenant and agree undue delay, execute and deliver all such papers as may be ion(s) or improvement(s), said application and said Letters regal representatives, and I/we agree to communicate to dinvention(s) or improvement(s), said application and said all lawful papers, to execute all disclaimers and divisionals, to make all rightful oaths and declarations, and generally to ssigns, nominees and legal representatives to obtain and cition for said invention(s) or improvement(s) in any and all I by me/us in lending such cooperation and assistance are minissioner of Patents and Trademarks of the United States to the United States whose duty it is to issue patents on see of the entire right, title and interest, any and all Letters any and all Letters Patent of the United States which may aforesaid, in accordance with the terms of this assignment, of record to insert the serial number and filing date of said or and title set forth above as soon as the same shall have
IN WITNESS WHEREOF, I've hereunto set my/our	• • • • • • • • • • • • • • • • • • • •
Petr C Newblan	1/-Jun-2006
Inventor's Signature (Seal)	Date Assignment Signed
Peter C. Nicholson	Date Assignment Signed 17 - Jan - 200 6 Date Application Signed
inventor's Typed Name	Date Application Signed
State of)	
) SS.:	
County of)	Peter C. Nicholson who is personally
Before me this day of personally appeared known or proved to me on the basis of satisfactory evidence assignment to be his/her free act and deed.	Peter C. Nicholson who is personally to be the person who acknowledged the foregoing instrument of
•	Notary Public
Page	My Commission Expires:
Rev 10/05(Assignment)	

PATENT REEL: 017495 FRAME: 0485

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200501908-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

1) 1 2	I/we hereunto set my/our hand(s	•
David E. Sr	mee	17- JAN-2006 Date Assignment Signed
Inventors Signature (Seal)		Date Assignment Signed
David E. Smith		17- TAN-2006
Inventor's Typed Name		17- JAN-2006 Date Application Signed
		-
State of)	
) ss.:	
County of)	
Before me thisday of	, personally appeared	David E. Smith who is personally
known or proved to me on the bas	is of satisfactory evidence to be t	he person who acknowledged the foregoing instrument of
assignment to be his/her free act and	aded.	
		Notary Public My Corrmission Expires:
		My CONTINUESION EXPINES:
11 1 6	2 (1) 1	
Kennoth F	. Wocke	17- Tm 7 (h)
Inventor's Signature (Seal)	.00-0-	Date Assignment Signed
Kenneth B. Wade		Date Assignment Signed 17-Tan 2466 Date Application Signed
Inventor's Typed Name		Date Application Signed
Charles of		
State of) }	
County of) ss.: \	
•		Manually D. Maria
knowe of croved to me on the has	, personally appeared, no be to be to	Kenneth B. Wade who is personally the person who acknowledged the foregoing instrument of
assignment to be his/her free act and		porton who dominated and language minimum of
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of)	
) s s.:	
County of	Ď	
Refere me this day of	, personally appeared	who is personally
known or proved to me on the bas	is of satisfactory evidence to be t	he person who acknowledged the foregoing instrument of
assignment to be his/her free act and	i deed.	
		Notary Public My Commission Expires:
73 4010564	Page 2 of 2	
Rev 10/05(Assignment)		

PATENT REEL: 017495 FRAME: 0486

RECORDED: 01/17/2006