06-23-2006



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ATTORNEY DOCKET NO. 200601999-1

RECO	RDA'.	103	262833			
PATENTS ONLY						
Name of conveying party(ies):		2. Name ar	d address of receiving part	y(ies):		
W. Bruce Culbertson; Michael Harville; Daniel G. Gelb; Irwin E. Sobel; Andrew E. Fitzhugh; and Donald O. Tanguay, Jr.	į	20555 S	TT-PACKARD DEVELOPMI H 249 TX 77070	ENT COMP	ANY, L.P.	
Bonald G. Yanguay, Gr.					,	
Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: Assignment Other	_Yes ⊠No	·	me(s) and address(es) attache		⊠ No ☐ Joint	
Execution Date(s):June 15, 2006, June 15, 2006	6, June 15, 20	006; June 15	2006; June 16, 2006; June	e 15, 2006	1	
4. Application number(s) or patent number(s):						
If this document is being filed together with a	new application	on, execution	date of the application is: J	une 15, 200	6	
A. Patent Application No.(s)						
Application No.:	Date Filed:					
Confirmation No.	B. Patent N	B. Patent No.(s):				
Additional numbers attached? NO						
5. Name and address of party to whom correspond	ondence	6. Total number of applications and patents involved:1				
concerning document should be mailed:		7. Total Fee (37 CFR 3.41): \$40.00				
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400		En	closed			
		X Authorization to be charged to deposit account.				
		B. Deposit Account Number: 08-2025				
9. Statement and signature.		1		·		
To the best of my knowledge and belief, the force copy of the original document.	oregoing infor	rmation is tru	e and correct and any attac	hed copy is	a true	
Christopher P. Kosh Jur			June.	16, 2006		
Name of Person Signing	Sign	ature		Date		
Total number of pages including coversheet, attachments, and documents: 4						
Documents to be recorded (including Mail Stop Assignment Recordation Service	s, Director of				-1450	

Rev 10/05 (RecdAsgn)

40.00 DA

06/22/2006 DBYRNE 01 FC:8021 11455306

PATENT REEL: 018010 FRAME: 0285 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

Rev 10/05(Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200601999-1

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, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, 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: MESH FOR RENDERING AN IMAGE FRAME		
Filing Date: Applic	cation No.:	
and the invention(s) and improvement(s) set forth therein, and any P's), divisionals, and renewals of and substitutes for said application Patent of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my	y and all continuations, contion for said Letters Patent, and the may be granted thereon of	of any and all Letters or therefore; and any in any country, to be
held and enjoyed by HPDC, its successors, assigns, nominees or terms for which said Letters Patent respectively may be granted, same would have been held and enjoyed by me/us had this assign	reissued or extended, as full ment, and transfer not been i	ly and entirely as the made;
AND I/we hereby covenant that I/we have full right to come we have not executed and will not execute any agreement in confithat I/we will, each time a request is made, and without undue delancessary or desirable to perfect the title to said invention(s) or i Patent, to HPDC, its successors, assigns, nominees or legal representations.	lict herewith, and I/we further ay, execute and deliver all su- mprovement(s), said applica	r covenant and agree ch papers as may be tion and said Letters
HPDC, its successors, assigns, nominees or legal rep. HPDC, or to its nominee, all known facts respecting said invention. Letters Patent, to testify in any legal proceedings, to sign all lawful continuations, C-I-P's, reissue and foreign applications, to make a do everything possible to aid HPDC, its successors, assigns, reference, for its or their own benefit, proper patent protection for a countries provided the expenses which may be incurred by me/us	n(s) or improvement(s), said papers, to execute all disclai ill rightful oaths and declarationines and legal representated invention(s) or improvement	application and said mers and divisionals, ons, and generally to tatives to obtain and nent(s) in any and all
paid by HPDC; AND I/we hereby authorize and request the Commissions and any official of any country or countries foreign to the Unit applications as aforesaid, to issue to HPDC, as assignee of the Patent for said invention(s) or improvement(s), including any and be issued and granted on or as a result of the application aforesaid.	ted States whose duty it is entire right, title and interest all Letters Patent of the Unit	to issue patents on t, any and all Letters ed States which may
I/we further authorize and direct the attorneys of record application now identified by the attorney docket number and title been made known to them by the United States Patent and Trader	set forth above as soon as	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) a	nd seal(s):	
It Bure Culbert son	JUNE 15 & Date Assignment Signed	1006
Inventor's Signature (Seal)	Date Assignment Signed	
W. Bruce Culbertson	JUNE 15	
Inventor's Typed Name	Date Application Signed	
State of)		
County of)		
	W. Bruce Culbertson	who is personally
known or proved to me on the basis of satisfactory evidence to be the assignment to be his/her free act and deed.	person who acknowledged the	foregoing instrument of
ששיישוייים גט שם וומרוסו זוסס מעג מוט שסט.	Notary Public	

Page 1 of 3

My Commission Expires:

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

Rev 10/05(Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200601999-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed

7 Date Assignment Signed June 15 2006
Date Application Signed Michael Harville Inventor's Typed Name State of County of Michael Harville who is personally Before me this day of , personally appeared 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 deed. Notary Public My Commission Expires: Inventor's Signature (Seal) 6/15/06 Date Application Signed Daniel G. Gelb Inventor's Typed Name State of) ss.: County of , personally appeared Daniel G. Gelb who is personally 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 deed. Notary Public My Commission Expires: E. Ashel Irwin E. Sobel inventor's Typed Name State of County of , personally appeared Before me this Irwin E. Sobel who is personally 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 deed. Notary Public My Commission Expires:

Page 2 of 3

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

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I	we hereunto set my/our hand(s	* 1 I
		Date Assignment Signed
Inventor's Signature (Seal)		Date Assignment Signed
Andrew E. Fitzhugh		6/16/2006
Inventor's Typed Name		Date Application Signed
State of)) \$6.;	
County of)	
Before me thisday of	, personally appeared	Andrew E. Fitzhugh who is personally
known or proved to me on the basis assignment to be his/her free act and		the person who acknowledged the foregoing instrument of
mongrition to be morner if the detection		Notary Public
		My Commission Expires:
h 11/2 0		
Donud V. Light inventor's Signature (Sept.)		6/15/2006
inventor's Signature (Seal)		Date Assignment Signed
, , , , ,		Klichmi
Donald O. Tanguay, Jr. Inventor's Typed Name		Date Application Signed
inventors ryped name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me thisday of	, personally appeared	Donald O. Tanguay, Jr. who is personally
known or proved to me on the basis assignment to be his/her free act and		the person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires;
Inventor's Signature (Seal)		Date Assignment Signed
myemore organica (occi)		Pate Assignment Cigned
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me this day of	, personally appeared	who is personally
known or proved to me on the basis assignment to be his/her free act and		the person who acknowledged the foregoing instrument of
		Notary Public
Cont 40 DE (Amino mana)	Page 3 of 3	My Commission Expires:
Rev 10/05(Assignment)		

PATENT REEL: 018010 FRAME: 0288