				
FORM PTO-1595	08-2	5-2003	U.S. DEPARTMENT OF COMMERCE	
1-31-92 R	ECC IIII III III		Patent and Trademark Office	
		533190 _	torney Docket No. 200210239-1	
1. Name of conveying party(ies):	1	2. Name and addres	ss of receiving party(ies):	
David Pettigrew	521 PM 2:54	HEWLETT-PACK	ARD DEVELOPMENT COMPANY, L.P.	
Andrew Koll FILM	.IDE SECTION	20555 SH 249 Houston, TX 77	070	
Darwin Mitchel Hanks	8.21.73	Houston, 12 11		
	0 ~10)			
]			
Additional name(s) of conveying party(ies) atta	chedYes _X_No	Additional name(s) & add	dress(es) attached?Yes _X No	
3. Nature of Conveyance:				
X_ Assignment	Merger		_ Change of Name	
Security Agreement	Other			
Execution Date(s): Aug 11, 2003; Aug 11, 2003 & Aug 09, 2003; Respectively				
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:				
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.: 10/423,541	Date Filed: Ap	or 24, 2003		
Confirmation No.: 2727 Additional numbers attached? NO				
Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY		6. Total number of a	applications and patents involved: 1	
		7. Total Fee (37 CFF	R 3.41): \$40.00	
		Enclosed		
P.O. Box 272400		X Authoriza	tion to be charged to deposit account.	
Fort Collins, Colorado 80527-240	0	Autiloriza	tion to be charged to deposit account.	
		8. Deposit Account	Number: <u>08-2025</u>	
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To the best of my knowledge and be true copy of the original document. 8/22/2003 GTON11 00000121 082025 104235	1	nformation is true and	d correct and any attached copy is a	
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Trisha Melcher Susha Melcher Aug 15, 2003				
Name of Person Signing Signature Date				
Total number of pages including cover sheet, attachments, and document: 4				
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Rev 05/03 (Recdasgn)

PATENT REEL: 014408 FRAME: 0678

PATENT APPLICATION

ATTORNEY DOCKET NO. 200210239-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 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 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:

Filing date: Apr 24, 2003	Application No.: 10/423,541
continuations-in-part (C-I-P's), divisional: Letters Patent, and any and all Letters Pa	ent(s) set forth therein, and any and all continuations, s, and renewals of and substitutes for said application for said atent of the United States and of countries foreign thereto which any reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPD the full end of the term or terms for wh	to file applications in my/our name for Letters Patent in any C, its successors, assigns, nominees or legal representatives, to ich said Letters Patent respectively may be granted, reissued or same would have been held and enjoyed by me/us had this
that I/we have not executed and will not covenant and agree that I/we will, each deliver all such papers as may be necessary improvement(s), said application and sailegal representatives, and I/we agree to respecting said invention(s) or improvem legal proceedings, to sign all lawful particles of the control of the cont	have full right to convey the entire interest herein assigned, and of execute any agreement in conflict herewith, and I/we further time a request is made, and without undue delay, execute and essary or desirable to perfect the title to said invention(s) or d Letters Patent, to HPDC, its successors, assigns, nominees or o communicate to HPDC, or to its nominee, all known facts tent(s), said application and said Letters Patent, to testify in any pers, to execute all disclaimers and divisionals, continuations, to make all rightful oaths and declarations, and generally to do ccessors, assigns, nominees and legal representatives to obtain proper patent protection for said invention(s) or improvement(s) expenses which may be incurred by me/us in lending such HPDC;
States and any official of any country or patents on applications as aforesaid, to any and all Letters Patent for said invent	uest the Commissioner of Patents and Trademarks of the United countries foreign to the United States whose duty it is to issue issue to HPDC, as assignee of the entire right, title and interest, tion(s) or improvement(s), including any and all Letters Patent of and granted on or as a result of the application aforesaid, in ment.
said application now identified by the a	attorneys of record to insert the serial number and filing date of ttorney docket number and title set forth above as soon as the em by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereur	nto set my/our hand(s) and seal(s):
David M. Poss	Date Assignment Signed: 8-11-07
Inventor's Signature (Seal)	
Inventor's Typed Name: <u>David Pettigrew</u>	Date Application Signed: 8-11-03
State of)	
County of)	:
Before me this day of	, personally appeared who is
personally known or proved to me on the basis instrument of assignment to be his/her free act and	of satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

Rev 05/03 (Assign)

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

Page 1 of 2
PATENT

REEL: 014408 FRAME: 0679

When recorded please return to:

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

PATENT APPLICATION
ATTORNEY DOCKET NO. __200210239-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set m	y/our hand(s) and seal(s):
ECCE	Date Assignment Signed: // Av & zec 3
Inventor's Signature (Seal) Inventor's Typed Name: Andrew Koll	Date Application Signed: // AUF Zec 3
	Date Application Signed. 77 77 0 3
State of) ss.:	
County of)	
Before me this day of	, personally appeared <u>Andrew Koll</u> who is atisfactory evidence to be the person who acknowledged the foregoing 1.
	Notary Public
	My commission expires:
	0 0 0
Inventor's Signature (Seal)	Date Assignment Signed: 7 2003
nventor's Typed Name: Darwin Mitchel Hanks	Date Assignment Signed: Ag 9 2003 Date Application Signed: Ag 9 2003
State of)	J
) ss.: County of	
Before me this day of personally known or proved to me on the basis of s nstrument of assignment to be his/her free act and deed	atisfactory evidence to be the person who acknowledged the foregoing
nventor's Signature (Seal)	
nventor's Typed Name:	Date Application Signed:
State of)	
) ss.: County of	
Before me this day of, personally known or proved to me on the basis of sanstrument of assignment to be his/her free act and deed	personally appearedwho is atisfactory evidence to be the person who acknowledged the foregoing .
	Notary Public My commission expires:

RECORDED: 08/21/2003

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