FORM PTO-1595 1-31-92	10-20-2003		U.S. DEPARTMENT OF CO	- · · · · · · - · ·
			Γ Patent and Trademark Office	
10.505			Attorney Docket No. 20031	4309-1
1. Name of conveying party(ies):	1025782	:53	iddress of receiving party(ies):	
Molly Hladik			PACKARD DEVELOPMENT COMPA	ANY, L.P.
Richard J McManus		20555 SH Houston, 7		0
David Rossing				P = 94 ≡
Tony Pidding				U.S
Bor-Jiunn Niu				88 /67
				10,
Additional name(s) of conveying party(ies) at	tachedYes No	Additional name(s) & address(es) attached?Yes _X	No
3. Nature of Conveyance:				·
X Assignment	Merger		Change of Name	
Security Agreement	Other			
Execution Date(s):				
4. Application number(s) or patent n	umber(s):	78 790	1	
If this document is being filed toget				3, 2003
		,	•	
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional number	ers attached?	10	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 1		
Records Manager		7. Total Fee (3	37 CFR 3.41): \$40.00	
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclosed		
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Fort Collins, Colorado 80527-24		_X Auth	norization to be charged to deposit	account.
D/17/2003 DBYRME 00000049 082025 1067 1 FC:8021	⁷ 8794	8. Deposit Ac	count Number: 08-2025	
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9. Statement and signature.				
To the best of my knowledge and b true copy of the original document.	elief, the foregoing in	nformation is tru	ie and correct and any attached co	ppy is a
and the state of t				
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Debbie Scharpen	Lebbil	changen	Oct 03, 2003	
Name of Person Signing	Signature	f	Date	
Total r	number of pages includ	ing cover sheet, a	attachments, and document: 5	
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Rev 10/03 (Recdasgn)

PATENT REEL: 014593 FRAME: 0729

PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400

Fort Collins, Colorado 80527-2400

Rev 05/03 (Assign)

ATTORNEY DOCKET NO. 200314309-1

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 U	Throat States Shillion
COATED MEDIA	
Filing date:	Application No.:
continuations-in-part (C-I-P's), division Letters Patent, and any and all Letter	ement(s) set forth therein, and any and all continuations, anals, and renewals of and substitutes for said application for said separates and of countries foreign thereto which and any reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by he the full end of the term or terms for	DC to file applications in my/our name for Letters Patent in any IPDC, its successors, assigns, nominees or legal representatives, to which said Letters Patent respectively may be granted, reissued or the same would have been held and enjoyed by me/us had this ade;
that I/we have not executed and will covenant and agree that I/we will, experience and such papers as may be improvement(s), said application and legal representatives, and I/we agree respecting said invention(s) or improve legal proceedings, to sign all lawful C-I-P's, reissue and foreign application everything possible to aid HPDC, its and enforce, for its or their own beneficially agreed to the said of the said that	(we have full right to convey the entire interest herein assigned, and if not execute any agreement in conflict herewith, and I/we further ach time a request is made, and without undue delay, execute and necessary or desirable to perfect the title to said invention(s) or said Letters Patent, to HPDC, its successors, assigns, nominees or see to communicate to HPDC, or to its nominee, all known facts wement(s), said application and said Letters Patent, to testify in any papers, to execute all disclaimers and divisionals, continuations, ons, to make all rightful oaths and declarations, and generally to do successors, assigns, nominees and legal representatives to obtain efit, proper patent protection for said invention(s) or improvement(s) the expenses which may be incurred by me/us in lending such by HPDC;
States and any official of any countr patents on applications as aforesaid, any and all Letters Patent for said in	request the Commissioner of Patents and Trademarks of the United y or countries foreign to the United States whose duty it is to issue to issue to HPDC, as assignee of the entire right, title and interest, vention(s) or improvement(s), including any and all Letters Patent of sued and granted on or as a result of the application aforesaid, in signment.
said application now identified by th	the attorneys of record to insert the serial number and filing date of e attorney docket number and title set forth above as soon as the o them by the United States Patent and Trademark Office.
	Date Application Signed: 9/30/2003
State of	
•) ss.:
County of)	
Before me this day of personally known or proved to me on the b instrument of assignment to be his/her free ac	, personally appeared <u>Molly Hladik</u> who is basis of satisfactory evidence to be the person who acknowledged the foregoing t and deed.
	Notary Public
	My commission expires:

Page 1 of 3

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. 200314309-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set	my/our hand(s) and seal(s):
Redord Me Hames	Date Assignment Signed: $9/25/03$
inventor's Signature (Seal)	0/2-102
Inventor's Typed Name: Richard J McManus	Date Application Signed: 9/25/03
State of)	
County of } ss.:	
Before me this day of personally known or proved to me on the basis of instrument of assignment to be his/her free act and de	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public My commission expires:
02511	Date Assignment Signed: 9/25/03
Inventor's Signature (Seal)	
Inventor's Typed Name: David Rossing	Date Application Signed: 9/35/03
State of }	
) ss.: County of)	
Before me this day of personally known or proved to me on the basis of instrument of assignment to be his/her free act and de	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:
_	
Tony PM	Date Assignment Signed: 9/25/03
nventor stangnature (S q al) Inventor's Typed Name: Tony Pidding	Date Application Signed: 9/25/03
State of	
) ss.:	
County of)	
Before me this day of personally known or proved to me on the basis of instrument of assignment to be his/her free act and de	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

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

Page 2 of 3

Rev 05/03 (Assign)

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Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. 200314309-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature (Seal)		Date Assignment Signed:	9-30-03	
Inventor's Signature (Seal)			WN ?-30-03	
Inventor's Signature (Seal) Inventor's Typed Name: Bor-Jiunn Niu		Date Application	Signed	
State of)			
) ss.:			
County of	1			
Before me this day of personally known or proved to me or instrument of assignment to be his/her	n the basis of sat	, personally appeared <u>Borঝ</u> isfactory evidence to be the	iunn Niu who is person who acknowledged the foregoing	
			Notary Public	
			My commission expires:	
Inventor's Signature (Seal)		Date Assignment Signed:		
Inventor's Typed Name:		Date Application	Signed	
		Date Application		
State of)) ss.;			
County of)			
Before me this day of		. personally appeared	who is	
personally known or proved to me of instrument of assignment to be his/her	n the basis of sat	isfactory evidence to be the	person who acknowledged the foregoing	
			Notary Public	
			My commission expires:	
		Date Assignment Signed:		
Inventor's Signature (Seal)				
Inventor's Typed Name:		Date Application	Signed	
State of)			
County of) ss.:)			
Before me this day of		, personally appeared	who is	
personally known or proved to me or instrument of assignment to be his/her	n the basis of sat	isfactory evidence to be the	person who acknowledged the foregoing	
			Notary Public	
			My commission expires:	
		itional Inventor(s) Signature(s)	Page 3 of 3	

RECORDED: 10/03/2003

Rev 05/03 (Assign2)

PATENT REEL: 014593 FRAME: 0732