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FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE
1-31-92 RECORDATION	FORM COVER SHEET	Patent and Trademark Office
PATEN	NTS ONLY	Attorney Docket No. 10019358-1
1. Name of conveying party(ies):	2. Name and add	tress of receiving party(ies):
Daniel A Kearl	HEWLETT-PA	CKARD DEVELOPMENT COMPANY, L.P.
David Champion	20555 SH 24 Houston, TX	
Gregory S. Herman	Houston, 1X	
Richard B. Peterson		
Additional name(s) of conveying party(ies) attached Yes	X No Additional name(s) &	address(es) attached?YesX. No
3. Nature of Conveyance:		
X Assignment Me	rger	Change of Name
_	_	
Security Agreement Oth	ner	
Execution Date(s): Nov. 18, 2003, Nov. 18, 2003,	Nov. 18, 2003, Nov. 18	8, 2003,
4. Application number(s) or patent number(s):		
If this document is being filed together with a new	application evacution of	data of the application is:
	application, execution t	rate of the application is.
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 10/628,946 Date File	d: 28 July 2003	
Confirmation No.: 9103 Additional r	numbers attached? NO	_
5. Name and address of party to whom correspond concerning document should be mailed:	ence 6. Total number o	of applications and patents involved: 1
Records Manager	7. Total Fee (37 (	CFR 3.41): \$40.00
Intellectual Property Administration HEWLETT-PACKARD COMPANY	Enclose	ed.
P.O. Box 272400	_	
Fort Collins, Colorado 80527-2400	X Author	ization to be charged to deposit account.
	8. Deposit Accou	ınt Number: <u>08-2025</u>
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9. Statement and signature.		
To the best of my knowledge and belief, the forego	oina information is true	and correct and any attached convices
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Ramona J. Zaya	(4.	D 00, 0000
Name of Person Signing Signature	gorgh)	Dec 09, 2003  Date
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## PATENT APPLICATION

ATTORNEY DOCKET NO. 10019358 -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:

	<u> </u>
Filing date: 28 July 2003	Application No.: 10/628,946
continuations-in-part (C-I-P's), div Letters Patent, and any and all Let	rovement(s) set forth therein, and any and all continuations risionals, and renewals of and substitutes for said application for sait ters Patent of the United States and of countries foreign thereto which or; and any reissues, or reexaminations, or extensions of said Letter
country, to be held and enjoyed b the full end of the term or terms t	HPDC to file applications in my/our name for Letters Patent in an by HPDC, its successors, assigns, nominees or legal representatives, to for which said Letters Patent respectively may be granted, reissued cas the same would have been held and enjoyed by me/us had this made;
that I/we have not executed and covenant and agree that I/we will deliver all such papers as may be improvement(s), said application a legal representatives, and I/we a respecting said invention(s) or implegal proceedings, to sign all law C-I-P's, reissue and foreign applications and enforce, for its or their own bearts.	It I/we have full right to convey the entire interest herein assigned, an will not execute any agreement in conflict herewith, and I/we further will not execute any agreement in conflict herewith, and I/we further larger time a request is made, and without undue delay, execute and centeres are desirable to perfect the title to said invention(s) or and said Letters Patent, to HPDC, its successors, assigns, nominees agree to communicate to HPDC, or to its nominee, all known fact provement(s), said application and said Letters Patent, to testify in any full papers, to execute all disclaimers and divisionals, continuations ations, to make all rightful oaths and declarations, and generally to discussions, assigns, nominees and legal representatives to obtain enefit, proper patent protection for said invention(s) or improvement(s) of the expenses which may be incurred by me/us in lending sucide by HPDC;
btates and any official of any coul patents on applications as aforesa any and all Letters Patent for said	nd request the Commissioner of Patents and Trademarks of the United ntry or countries foreign to the United States whose duty it is to issu- id, to issue to HPDC, as assignee of the entire right, title and interest invention(s) or improvement(s), including any and all Letters Patent or issued and granted on or as a result of the application aforesaid, in assignment.
ard application flow identified by	ot the attorneys of record to insert the serial number and filing date o the attorney docket number and title set forth above as soon as the n to them by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we I	hereunto set my/our hand(s) and seal(s):
nventer's Signature (Seal)	Date Assignment Signed:
oventor's Typed Name: Daniel A Kearl	Date Application Signed:
tate of	)
ounty of	) ss.: )
Before me this day of	, personally appearedDaniel A Kearl who is

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Notary Public
My commission expires:

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## PATENT APPLICATION

ATTORNEY DOCKET NO. 10019358 -1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

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nvento s Signature (Sea	)	Date Assignment Signed: 11/17/cz 3
inventor's Typed Name:	David Champion	Date Application Signed: 11/17/=3
State of	)	, · -
County of	) ss.: )	
personally known or pro-	day of ved to me on the basis o to be his/her free act and d	, personally appeared <u>David Champion</u> who f satisfactory evidence to be the person who acknowledged the foregoi eed.
		Notary Public  My commission expires:
Inventor's Signature (Seal	Leman	Date Assignment Signed: 11/17/03
Inventor's Typed Name: G	regory S_Herman	Date Application Signed: 11/17/03
State of	)	
County of	) ss.: )	
personally known or prov	day of	, personally appeared <u>Gregory S Herman</u> who satisfactory evidence to be the person who acknowledged the foregoing ead.
		Notary Fublic My commission expires:
The Lead of Seal	Peter	Date Assignment Signed: ////8/o 3
nventor's Typed Name: Ri	chard B. Peterson	Date Application Signed:
State of	)	, , .
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ersonally known or prov	ay of ed to me on the basis of o be his/her free act and de	, personally appeared <u>Richard B. Peterson</u> who isatisfactory evidence to be the person who acknowledged the foregoined.
		Notary Public
		Notary Public My commission expires:

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

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