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Name of conveying party(les):		Attorney Docket No. 100202247-1
Paul C. Coffin	2. Name and add	dress of receiving party(ies):
Robert L. Mueller	HEWLETT-PA	CKARD DEVELOPMENT COMPANY, L.P.
Gregg S. Schmidtke	20555 SH 24 Houston, TX	9
Additional name(s) of conveying party(ies) attached Yes	X No Additional name(s) &	address(es) attached?Yes _X No
3. Nature of Conveyance:	The state of the s	dudiess(es) artached?Yes _X No
X Assignment	Merger	Change of Name
Security Agreement(Other	
Execution Date(s): 6/8/03, 6/7/03, 6/6/03 respec	etively	
4. Application number(s) or patent number(s):		
If this document is being filed together with a ne	w application, execution da	ete of the application is:
A. Patent Application No.(s)		
Application No.: 10/601,437 Date Fi	led: June 23, 2003	B. Patent No.(s)
	numbers attached? NO	
Name and address of party to whom correspon concerning document should be mailed:	dence 6. Total number of	applications and patents involved: 1
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PATENT

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

PATENT APPLICATION ATTORNEY DOCKET NO. 100202247-1

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 are the property of priority, in the and under an 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.

Application No.: 10/601437 and the invention(s) and improvement(s) set forth therein, and any and all continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent of the United States and of countries foreign thereto which cannot be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letter Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to extended, as fully and entirely as the same would have been held and enjoyed by me/us had this extended, as fully and entirely as the same would have been held and enjoyed by me/us had this saignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and covenant and agree that I/we will each time a request is made, and without undue delay, execute and the legitiver all such papers as may be necessary or desirable to perfect the title rosid invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or egal representatives, and I/we agree to communicate in HPDC, its successors, assigns, nominees egal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, verything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain any and all countries provided the expenses which may be incurred by me/us in lending such and any and all countries provided the expenses which may be incurred by me/us in lending such a name and assistance are paid by HPC. AND I/we hereby authorize and direct the attorneys of record to insert the serial number and filing date of interest, and the provided provided and granted on or as a result of the ap	Filing dotor			
and the invention(s) and improvement(s) set forth therein, and any and all continuations—continuations—in-part (C-i-P's), divisionals, and renewals of and substitutes for said application for said may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to extended, as fully and entirely as the same would have been held and enjoyed by me/us had thic said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and the liver all such papers as may be necessary or desirable to perfect the title to said invention(s) or department(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or eagal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts egal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts egal representatives, and I/we agree to communicate and disclaimers and divisionals, continuations, hereything possible to aid HPDC, its successors, assigns, nominees or especting said invention(s) or improvement(s), said applications, to make all rightful oaths and declarations, and generally to do not enforce, for its or their own benefit, proper patent protection for said inventions, or improvement(s), and all actives and divisionals, continuations, or only and all countries provided the expenses which may be incurred by me/us in lending such and said satents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, the United States whose duty it is to issue and any official of any countr	6/2	23/03	Application No.:	10/601437
the full end of the term or terms for which said Letters Patent respectively may be granted, reissued on assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further that I/we will, each time a request is made, and without undue delay, execute and provenant and agree that I/we will, each time a request is made, and without undue delay, execute and inprovement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or especting said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or especting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any 2-1-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do not enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) operation and all countries provided the expenses which may be incurred by me/us in lending such any and all countries provided the expenses which may be incurred by me/us in lending such any and all countries and request the Commissioner of Patents and Trademarks of the United attents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the sation of this assignment. I/we further authorize and direct the attorneys of record to insert the serial number and filing date of time shall have been made known to them by the United States Patent and Trademark Of	Letters Patent and and	and all leases in the	The rest of the substitu	d any and all continuations
leliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or again representatives, and lywe further desiver all such papers as may be necessary or desirable to perfect the title to said invention(s) or again representatives, and lywe agree to communicate to HPDC, or to its nominee, all known facts again proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, to represent a foreign applications, to make all rightful oaths and declarations, and generally to do not enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) and all countries provided the expenses which may be incurred by me/us in lending such a panel and any official of any country or countries foreign to the United States whose duty it is to issue and any official of any country or countries foreign to the United States whose duty it is to issue any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of this assignment. I/we further authorize and direct the attorneys of record to insert the serial number and filing date of its application now identified by the attorney docket number and title set forth above as soon as the meshall have been made known to them by the United States Patent and Trademark Office. NUTINESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Application Signed:	LIE TUILENA OF The term	AF +	/ **********************************	USGO ULIBUALIANTACAMPATIVAA 4.
I/we further authorize and direct the attorneys of record to insert the serial number and filing date of time shall have been made known to them by the United States Patent and Trademark Office. I/We further authorize and direct the attorneys of record to insert the serial number and filing date of time shall have been made known to them by the United States Patent and Trademark Office. I/We further authorize and direct the attorneys of record to insert the serial number and filing date of time shall have been made known to them by the United States Patent and Trademark Office. I/WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 6-8-2003 Battor's Typed Name: Paul C. Coffin Date Application Signed: 6-8-2003	leliver all such papers included and agree that leliver all such papers improvement(s), said apparatives, ar againg proceedings, to signification of the legal proceedings, to signification of the legal proceedings and foreigned and enforce, for its or the legal paperation and assistant poperation and assistant paperation and assistant paperation.	t I/we will, each time as may be necessare plication and said Letter of I/we agree to constant (s) or improvement(s) gn all lawful papers, gn applications, to make the EPDC, its successor own benefit, propers provided the expense are paid by HPDC;	a request is made, and with your desirable to perfect the series Patent, to HPDC, its summunicate to HPDC, or to the said application and said to execute all disclaimers aske all rightful oaths and depressions, assigns, nominees and proper patent protection for said assess which may be incurriaged.	thout undue delay, execute and he title to said invention(s) or coessors, assigns, nominees or its nominee, all known facts Letters Patent, to testify in any and divisionals, continuations, aclarations, and generally to do legal representatives to obtain invention(s) or improvement(s) ed by me/us in lending such
N WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 6-8-2003 Intor's Typed Name: Paul C. Coffin Date Application Signed: 6-8-2003	iv and all letters Patent	s aforesaid, to issue t	o HPDC, as assignee of the	entire right title and interest
Date Assignment Signed: 6-8-2003 Intor's Typed Name: Paul C. Coffin Date Application Signed: 6-8-2003 Date Application Signed: 6-8-2003	me shan have been mad	ie known to them by i	the United States Patent and	d Trademark Office
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PATENT APPLICATION ATTORNEY DOCKET NO. __100202247-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature (Seal)	Date Ass	Signment Signed: 6/7/03
Inventor's Typed Name: Rot	ert L. Mueller	Date Application Signed: 6/7/63
State of)	
County of) \$s.:)	
Before me this day personally known or proved instrument of assignment to	of, personall to me on the basis of satisfactory e his/her free act and deed.	y appeared <u>Robert L. Mueller</u> who evidence to be the person who acknowledged the forego
		Notary Public My commission expires:
Inventor's Signature (Seal)		9nment Signed:
Inventor's Typed Name: Greg	S. Schmidtke	Data Applications
		Date Application Signed:
)	Date Application Signed:
State of County of Before me this day)) ss.:)	
State of County of Before me this day) ss.:) of, personally	appeared <u>Gregg S. Schmidtke</u> who evidence to be the person who acknowledged the foregoin Notary Public My commission expires:
State of County of Before me this day personally known or proved a nstrument of assignment to be) ss.:) of, personally o me on the basis of satisfactory e his/her free act and deed.	appeared <u>Gregg S. Schmidtke</u> who evidence to be the person who acknowledged the foregoin Notary Public
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State of County of Before me this day personally known or proved instrument of assignment to be eventor's Signature (Seal) eventor's Typed Name:) ss.:) of, personally o me on the basis of satisfactory e his/her free act and deed.	appeared <u>Gregg S. Schmidtke</u> who evidence to be the person who acknowledged the foregoin Notary Public My commission expires:
State of County of Before me this day personally known or proved instrument of assignment to be) ss.:) of, personally o me on the basis of satisfactory e his/her free act and deed.	appeared <u>Gregg S. Schmidtke</u> who evidence to be the person who acknowledged the foregoin Notary Public My commission expires: ment Signed:

My commission expires:

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PATENT APPLICATION

ATTORNEY DOCKET NO. 100202247-1

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ASSIGNMENT OF PATENT APPLICATION (cont.)

		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Robert L. M	ueller	Date Application Signed:
State of	1	
_	,) ss.:	
County of)	
Before me this day of personally known or proved to me instrument of assignment to be his/hi		_, personally appeared <u>Robert L. Mueller</u> who satisfactory evidence το be the person who acknowledged the forego d.
		Notary Public My commission expires:
Invented Signature (Seal)	<u></u>	_Dete Assignment Signed:
Inventor's Typed Name: Gregg S. Sch	ımidtke	Date Application Signed: 06 カルバモ 2003
State of)	
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Before me this day of personally known or proved to me instrument of assignment to be his/her	on the basis of si	personally appeared <u>Gregg S. Schmidtke</u> who atisfactory evidence to be the person who acknowledged the foregoin
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ventor's Signature (Seal) ventor's Typed Name: ate of bunty of Before me this day of rsonally known or proved to me of) ss.:	Natary Public Nature Public My commission expires: Date Assignment Signed: Date Application Signed:

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

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