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Attorney Docket No. 200400804-1

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Erik Kyle Greg P. Ziarnik	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070	
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Execution Date(s): Respectively;07-20-2004, 07-20-200	4	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new appli	cation, execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
Application No.: 10/836,915 Date Filed: 04	1-30-04	
Confirmation No.: 1898 Additional numb	Additional numbers attached? NO	
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 (37 CFR 3.41): , , \$40,00	
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Marci Santillanes Marci	Santicianes Jul 28, 2004	
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PATENT

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ATTORNEY DOCKET NO. 200400804-1

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: 04-30-2004	Application No.: 10/836,915
continuations-in-part (C-I-P's), divisionals, at letters Patent, and any and all Letters Paten	s) set forth therein, and any and all continuations, nd renewals of and substitutes for said application for said to the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, if the full end of the term or terms for which	file applications in my/our name for Letters Patent in any is successors, assigns, nominees or legal representatives, to said Letters Patent respectively may be granted, reissued or ne would have been held and enjoyed by me/us had this
that I/we have not executed and will not excovenant and agree that I/we will, each time deliver all such papers as may be necessary improvement(s), said application and said Leagal representatives, and I/we agree to correspecting said invention(s) or improvemental legal proceedings, to sign all lawful papers C-I-P's, reissue and foreign applications, to everything possible to aid HPDC, its successand enforce, for its or their own benefit, pro	re full right to convey the entire interest herein assigned, and kecute any agreement in conflict herewith, and I/we further e a request is made, and without undue delay, execute and ary or desirable to perfect the title to said invention(s) or otters Patent, to HPDC, its successors, assigns, nominees or ommunicate to HPDC, or to its nominee, all known facts (s), said application and said Letters Patent, to testify in any s, to execute all disclaimers and divisionals, continuations, make all rightful oaths and declarations, and generally to desors, assigns, nominees and legal representatives to obtain per patent protection for said invention(s) or improvement(s) tenses which may be incurred by me/us in lending such C;
States and any official of any country or co- patents on applications as aforesaid, to issu- any and all Letters Patent for said inventions	the Commissioner of Patents and Trademarks of the United untries foreign to the United States whose duty it is to issue to HPDC, as assignee of the entire right, title and interest, (s) or improvement(s), including any and all Letters Patent of digranted on or as a result of the application aforesaid, in at.
said application now identified by the attorn	orneys of record to insert the serial number and filing date of ney docket number and title set forth above as soon as the by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto s	set my/our hand(s) and seal(s):
End I	Date Assignment Signed: フルック2009
Inventor's Signature (Seal)	
Inventor's Typed Name: Erik Kyle	Date Application Signed: 7/20/2009
State of	
County of) ss.:	
	, personally appeared <u>Erik Kyle</u> who is

PATENT REEL: 014911:FRAME: 0833

Notary Public

My commission expires:

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

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ASSIGNMENT OF PATENT APPLICATION (cont.)

N WITNESS WHEREOF, I/we hereu	unto set my/our hand(s) and seal(s):
Dusy O June	Date Assignment Signed: 20 July 04
nventor's Signature (Seal)	
nventor's Typed Name: Greg P. Zlarnik	Date Application Signed: 20 July 0 Y
State of	1
) ss.:
County of	
Before me this day of personally known or proved to me on th instrument of assignment to be his/her free	personally appeared Greg P. Ziarnik who is a basis of satisfactory evidence to be the person who acknowledged the foregoing act and deed.
	Notary Public
	My commission expires:
10.11	_Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of)
) 95.:
County of	
Before me this day of personally known or proved to me on th instrument of assignment to be his/her free	, personally appeared who is a basis of satisfactory evidence to be the person who acknowledged the foregoing act and deed.
	Notery Public
	My commission expires:
	Date Assignment Signed:
nventor's Signature (Seal)	
nventor'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 on the instrument of assignment to be his/her free	, personally appeared who is e basis of satisfactory evidence to be the person who acknowledged the foregoing act and deed.
	Notary Public
	My commission expires:

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

Page 2 of 2

RECORDED: 07/28/2004