PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEITH HARRISON	08/25/2011
BRIAN QUENTIN MONAHAN	08/25/2011

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

PROPERTY NUMBERS Total: 1

	Property Type	Number
Арр	lication Number:	13217892

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: HEWLETT-PACKARD COMPANY Intellectual Pro

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Address Line 2: Mail Stop 35

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NAME OF SUBMITTER: GARY J. PITZER

Total Attachments: 1

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PATENT REEL: 026809 FRAME: 0938 H \$40.00 1521

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO.

201000788-1

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:

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-pert (Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and reissues, or reexaminations, or extensions of said Letters Patent. **New additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, it held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the tenterns for which said Letters Patent respectively may be granted, relissued or extended, as fully and entirely as same would have been held and enjoyed by me/us had this assignment, and transfer not been made; AND tive hereby covenant that tive have full right to convey the entire interest herein assigned, and the we have not executed and will not execute any agreement in conflict herewith, and live further covenant and at that live will, each time a request is made, and without undue delay, execute and deliver all such papers as man necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and live agree to communicat HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and a Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all discloimers and division continuations, C-L-P's, reissue and foreign applications, to make all rightful oaths and declarations, and devision continuations, C-L-P's, reissue and toreign applications, to make all rightful oaths and declarations, and generated or everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain entore, for its or their own benefit, prope present provided the expression of the		· · · · · · · · · · · · · · · · · · ·
Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Let Patent of the United States and of countries foreign thereto which may be granted thereon or therefore, and 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, their and enjoyed by HPDC. Its successors, assigns, nominees or legal representatives to the full end of the tenterms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely assame 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 inferest herein assigned, and the we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and a trat I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as manecessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we gree to communicat HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and division continuations, C-1-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and general do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s), in any an accordance with the terms of the said any official of any country or countries foreign to the United States whose duty it is to issue patents application now ispentified by the attorney docket number and title est f		
If we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, the held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the tenterms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely assame would have been held and enjoyed by me/us had this assignment, and transferrest herein assigned, and the wear not executed and will not execute any agreement in conflict herewith, and I/we further covenant and at that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as macessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and division continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and general do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any an countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance paid by HPDC. AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States whose duty it is to issue patents applications as afcressid, to issue to HPDC, as assigned of the entire right, title and interest, any and all Letters Patent of the United States whose duty it is to issue patents application as a foresid, to issue to HPDC, as assigned of the entire right, title and interest, any and all Letters Patent of the United States which be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. I/we further authorize and direct the attorney of record to insert the serial number and this said. Inventor's Sign	P's), divisionals, and renewals of and substitutes for Patent of the United States and of countries foreign	said application for said Letters Patent, and any and all Letter thereto which may be granted thereon or therefore; and an
countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance paid by HPDC; AND live hereby authorize and request the Commissioner of Patents and Trademarks of the United St and any official of any country or countries foreign to the United States whose duty it is to issue patents applications as aforesaid, to issue to HPDC, as assignee of the entire right, titlle and interest, any and all Le Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. If we further authorize and direct the attorneys of record to insert the serial number and filing date of application now identified by the attorney docket number and title set forth above as soon as the same shall been made known to them by the United States Patent and Trademark Office. Date Assignment Signed	I/we additionally authorize HPDC to file app held and enjoyed by HPDC, its successors, assigns, terms for which said Letters Patent respectively masame would have been held and enjoyed by me/us hand li/we hereby covenant that i/we have five have not executed and will not execute any agree that li/we will, each time a request is made, and with necessary or desirable to perfect the title to said in Patent, to HPDC, its successors, assigns, nomined HPDC, or to its nominee, all known facts respecting Letters Patent, to testily in any legal proceedings, to continuations, C-I-P's, reissue and foreign applications of everything possible to aid HPDC, its successor	ilications in my/our name for Letters Patent in any country, to be nomineed or legal representatives, to the full end of the term of the granted, reissued or extended, as fully and entirely as the ad this assignment, and transfer not been made; will right to convey the entire interest herein assigned, and that ement in conflict herewith, and I/we further covenant and agree the properties of the provided of the covenant and agree to undue delay, execute and deliver all such papers as may be vention(s) or improvement(s), said application and said Letter is so riegal representatives, and I/we agree to communicate to said invention(s) or improvement(s), said application and said sign all lawful papers, to execute all disclaimers and divisional ris, to make all rightful oaths and declarations, and generally is, assigns, nominees and legal representatives to obtain an
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United St and any official of any country or countries foreign to the United States whose duty it is to issue patents applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Le Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment I/we further authorize and direct the attorneys of record to insert the serial number and filing date of application now identified by the attorney docket number and title set forth above as soon as the same shall the been made known to ithem by the United States Patent and Trademark Office. Date Assignment Signed	enforce, for its or their own benefit, proper patent productives provided the expenses which may be incommended.	rotection for said invention(s) or improvement(s) in any and a irred by me/us in lending such cooperation and assistance at
applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Le Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignm. I/we further authorize and direct the attorneys of record to insert the serial number and filing date of application now identified by the attorney docket number and title set forth above as soon as the same shall the been made known to them by the United States Patent and Trademark Office. Inventor's Signature	paid by HPDC; AND I/we hereby authorize and request the	Commissioner of Patents and Trademarks of the United State
be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. If we further authorize and direct the attorneys of record to insert the serial number and filing date of application now identified by the attorney docket number and title set forth above as soon as the same shall been made known to them by the United States Patent and Trademark Office. Date Assignment Signed	applications as aforesaid, to issue to HPDC, as as	signee of the entire right, title and interest, any and all Lette
I/we further authorize and direct the attorneys of record to insert the serial number and filing date of application now identified by the attorney docket number and title set forth above as soon as the same shall been made known to them by the United States Patent and Trademark Office. Inventor's Signature Date Assignment Signed KEITH HARRISON Inventor's Typed Name Date Application Signed BRIAN QUENTIN MONAHAN	Patent for said invention(s) or improvement(s), inclu- be issued and granted on or as a result of the applic.	ding any and all Letters Patent of the United States which ma ation aforesaid, in accordance with the terms of this assignmen
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