ATTORNEY DOCKET NO. 201001675-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDA	TION FORM COVER SHEET			
PATENTS ONLY				
Name of conveying party(ies):	Name and address of receiving party(ies):			
Mary T. Prenn	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.			
Bradley R. Larson	11445 Compaq Center Drive West			
Russell Fredrickson	Houston, TX 77070			
	s No Additional name(s) and address(es) attached? Yes No			
3. Nature of Conveyance:				
	hange of Name Security Agreement Joint			
Other				
5				
Execution Date(s): February 22, 2011 4. Application number(s) or patent number(s):				
If this document is being filed together with a new a	polication, everytion date of the application is:			
	ppiroduoti, exceditori date of the appiroduoti is.			
A. Patent Application No.(s) Application No.: 13/040,000 Dat	te Filed: 3/3/2011			
Confirmation No.∶2009 B. Patent No.(s):				
Additional numbers attached? NO				
5. Name and address of party to whom correspondent concerning document should be mailed:	6. Total number of applications and patents involved:1			
	7. Total Fee (37 CFR 3.41): \$40.00			
Records Manager Intellectual Property Administration	Enclosed			
HEWLETT-PACKARD COMPANY	X Authorization to be charged to deposit account.			
3404 E. Harmony Road Mail Stop 35	8. Deposit Account Number: 08-2025			
Fort Collins, Colorado 80528	<u></u>			
9. Statement and signature.				
To the best of my knowledge and belief, the foregoi	ing information is true and correct and any attached copy is a true			
copy of the original document.				
Michael Dryja	/Michael Dryja/ 3-3-2011			
Name of Person Signing	Signature Date			
Total number of pages including co	oversheet, attachments, and documents:5			
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:				
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450				
Page 1 of 5				

Rev 05/09 (RecdAsgn)

PATENT REEL: 025901 FRAME: 0455 To: Assignment PTO @ 571-273-0140 From: Law Offices of Michael Dryja

Pg 2/503/03/11 3:25 pm

HEWLETT PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mell Stop 35 Fort Collins, Colorado 80628

PATENT APPLICATION

ATTORNEY DOCKET NO.

201001675

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:

HARDWARE CONTROLLER TO CHOOSE SELECTED HARDWARE ENTITY AND TO EXECUTE INSTRUCTIONS IN RELATION TO SELECTED HARDWARE ENTITY

Filing Date:

March 3, 2011

Application No.:

13/040.000

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 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 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 the full end of the term or terms for which 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 that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be 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 I/we agree to communicate to HPDC, or to its nominee, all known facts respecting 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 divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful caths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce. for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND time hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents 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 of the United States which may 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 said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

MT. P.	2/22/11
Inventors Signature	Date Assignment Signed
Mary T. Prenn	2/22/11
Inventor's Typed Name	Date Application Signed
Bruillia RL	
Tryentor's Signallyre	Date Assignment Signed
BRADLEY R. LARSON	2-22-201 Date Application Signed
Inventor's Typed Name	

Rev 10/09 (Assignment)

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PATENT REEL: 025901 FRAME: 0456 To: Assignment PTO @ 571-273-0140 From: Law Offices of Michael Dryja Pg 3/5 03/03/11 3:25 pm

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 201001675

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Bradley R. Larson	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Russell Fredrickson Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

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PATENT APPLICATION

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ASSIGNMENT OF PATENT APPLICATION

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subsidiaries and affiliates, and do hereby assign and transfer to HPDC title and interest, including the right of priority, in, to and under an appentitled:	Dication for Letters F	ratent of the United States
HARDWARE CONTROLLER TO CHOOSE SELECTED HARDWARE		XECUTE
INSTRUCTIONS IN RELATION TO SELECTED HARDWARE ENTITY Filing Date: March 3, 2011 Applicati		13/040,000
and the invention(s) and improvement(s) set forth therein, and any and P's), divisionals, and renewals of and substitutes for said application to Patent of the United States and of countries foreign thereto which in reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/ou held and enjoyed by HPDC, its successors, assigns, nominees or legaterms for which said Letters Patent respectively may be granted, reissame would have been held and enjoyed by me/us had this assignment. AND I/we hereby covenant that I/we have full right to convey we have not executed and will not execute any agreement in conflict that I/we will, each time a request is made, and without undue delay, onecessary or desirable to perfect the title to said invention(s) or imported to HPDC, its successors, assigns, nominees or legal representation. Eletters Patent, to testify in any legal proceedings, to sign all lawful particulations, C-I-P's, reissue and foreign applications, to make all right of everything possible to aid HPDC, its successors, assigns, nominentore, for its or their own benefit, proper patent protection for said countries provided the expenses which may be incurred by me/us in paid by HPDC; AND I/we hereby authorize and request the Commissioner or and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assignee of the ent Patent for said invention(s) or improvement(s), including any and all inches further authorize and direct the application aforesaid, in I/we further authorize and direct the attorneys of record to its application now identified by the attorney docket number and title septent made known to them by the United States Patent and Trademark Inventor's Signature	for said Letters Paternay be granted ther are name for Letters Fall representatives, to sued or extended, and transfer not be the entire interest in the entire interest in the entire interest in the entire interest in the execute and deliver rovement(s), said a sentatives, and I/we or improvement(s) pers, to execute all coghtful oaths and deal reprinted in the entire interest in the execute and legal reprinted in the execute and the said in the execute and interest	ent, and any and all Letters are on or therefore; and any attent in any country, to be the full end of the term of as fully and entirely as the peen made; herein assigned, and that I writher covenant and agree all such papers as may be application and said Letters agree to communicate to, said application and divisionals clarations, and generally to resentatives to obtain and approximation and assistance are marks of the United States it is to issue patents or terest, any and all Letters and united States which may be terms of this assignment and as the same shall have
Mary T. Prenn	Date Assignment Sig	neo
Inventor's Typed Name	Date Application Sign	ned
inventor's Signature	Date Assignment Sig	ned
nventor's Typed Name	Date Application Sign	ned

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator PATENT APPLICATION 3404 E. Harmony Road ATTORNEY DOCKET NO. _ 201001675 Mail Stop 35 Fort Collins, Colorado 80528 ASSIGNMENT OF PATENT APPLICATION (cont.) Date Assignment Signed Inventor's Signature Bradley R. Larson Inventor's Typed Name Date Application Signed Date Assignment Signed Inventor's Signature Date Application Signed Inventor's Typed Name Russell Fredrickson Date Application Signed Inventor's Typed Name Date Assignment Signed Inventor's Signature Date Application Signed Inventor's Typed Name Date Assignment Signed Inventor's Signature Date Application Signed Inventor's Typed Name Date Assignment Signod Inventor's Signature Date Application Signed Inventors Typed Name

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PATENT REEL: 025901 FRAME: 0459

Rev-10/09 (Assignment)