ATTORNEY DOCKET NO. 200904575-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET						
PATENTS ONLY						
1. Name of conveying party(les): Robert Krancher Brian Ryder .	2. Name and address of receiving party(les): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 11445 Compaq Center Drive West Houston, TX 77070					
Additional name(s) of conveying party(les) attached? Yes No. 3. Nature of Conveyance:	Additional name(s) and address(es) attached? Yes No					
X Assignment	of Name Security Agreement Joint					
Other						
Execution Date(s): 22-April-2010, 22-April-2010 respective	у					
4. Application number(s) or patent number(s):	- "					
If this document is being filed together with a new applicati	on, execution date of the application is:					
A. Patent Application No.(s)						
Application No.: 12/769769 Date Filed	: 29-April-2010					
Confirmation No.: 8370 B. Patent I	lo.(s);					
Additional numbers attached? NO						
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1					
concerning document should be mailed:	7. Total Fee (37 CFR 3.41):\$40.00					
Records Manager	Enclosed					
Intellectual Property Administration HEWLETT-PACKARD COMPANY						
3404 E. Harmony Road	X_Authorization to be charged to deposit account.					
Mail Stop 35 Fort Collins, Colorado 80528	8. Deposit Account Number: <u>08-2025</u>					
9, Statement and signature.	1					
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
Tara A Schulze Name of Person Signing	13-OCT-2010 Date					
Total number of pages including coversheet, attachments, and documents: 3						
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 1						

Rev 10/09 (RecdAsgn)

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

PATENT APPLICATION

ATTORNEY DOCKET NO. _____200904575-1

ASSIGNMENT OF PATENT APPLICATION

IWe, 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 furtherence 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,

enlitied:	t, including the right of priority, in, to	o and under an application for Letters Patent of the United States C DEVICE
Filing Date:	29-April-2010	Application No.: 12/769769
and the inventionals P's), divisionals Patent of the L relasues, or ree	, and renewals of and substitutes fo Inited States and of countries fore) xaminations, or extensions of said L	therein, and any and all continuations, continuations-in-part (C-I- or said application for said Letters Patent, and any and all Letters on thereto which may be granted thereon or therefore; and any
held and enjoye terms for which same would ha AND I	ed by HPDC, its successors, assign: said Letters Patent respectively m we been held and enjoyed by me/us twe hereby covenant that I/we have	s, nominees or legal representatives, to the full end of the term of ay be granted, reissued or extended, as fully and entirely as the had this assignment, and transfer not been made; full right to convey the entire interest herein assigned, and that in
that I/we will, ex necessary or d Patent, to HPE HPDC, or to its Letters Patent, continuations, (do everything a enforce, for its countries provi- paid by HPDC; AND i	ach time a request is made, and wit estrable to perfect the title to seld if IC, its successors, assigns, nomine r nominee, all known facts respectit to testify in any legal proceedings, t C-I-P's, reissue and foreign applicat possible to aid HPDC, its success or their own benefit, proper patent ded the expenses which may be in /we hereby authorize and request if	reement in conflict herewith, and t/wa further covenant and agree hout undue delay, execute and deliver all such papers as may be invention(s) or improvement(s), said application and said Letters are or legal representatives, and I/wa agree to communicate to a said invention(s) or improvement(s), said application and said or sign all lawful papers, to execute all disclaimers and divisionals ions, to make all rightful caths and declarations, and generally to ors, assigns, nominees and legal representatives to obtain and protection for said invention(s) or improvement(s) in any and all curred by me/us in landing such cooperation and assistance are commissioner of Patents and Trademarks of the United States.
applications as Patent for said be issued and give fi l/we fi application nov	eforesald, to issue to HPDC, as a invention(s) or improvement(s), inc granted on or as a result of the appli urther authorize and direct the attor of identified by the attorney docket or	ign to the United States whose duty it is to issue patents or assignee of the entire right, title and interest, any and all Letters luding any and all Letters Patent of the United States which may cation aforesaid, in accordance with the terms of this assignment, meys of record to insert the serial number and filing date of sak number and title set forth above as soon as the same shall have
been made kno	own to them by the United States Pa	1/-27-2010
inventor's Signat		Date Assignment Signed
Robert Krancher		4-22-2010
inventor's Typed	Name	Date Application Signed
Bira	in Regler	サーフマー 2-010 Date Assignment Signed 4ーフマー 2 <i>0</i> 10
inventor's Signat	ure	Date Assignment Signed
Brian Ryder		4-77-2010
Inventor's Typed	Name	Date Application Signed
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Brian Ryder		11445 C	11445 Compag Center Drive West Houston, TX 77070			
Additional name(s) of conveying party(i	es) attached? Tyes	XING Additional r	sme(s) and address(es) attached?	Yes XINo		
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■ Assignment	ger □Cha	inge of Name	of Name Security Agreement Joint			
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