PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2862103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VALIUDDIN Y. ALI	10/10/2011
JOSE PAULO XAVIER PIRES	10/10/2011
JAMES M. MANN	10/10/2011
BORIS BALACHEFF	10/20/2011
CHRIS I. DALTON	10/12/2011

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	
Application Number:	14352424	

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (541)715-8443 **Email:** ipa.mail@hp.com

Correspondent Name: HEWLETT-PACKARD COMPANY **Address Line 1:** 3404 E. HARMONY ROAD MS 35

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	05/20/2014

Total Attachments: 5

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> PATENT REEL: 032928 FRAME: 0386

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

Say 09/15 (Assignment)

PATENT APPLICATION

RECORD ID:	 82759487	

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:

entitled: Web-Based Interface to Access a Function of a Basic Input/Output System Filing Date: Application No.: 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. t/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 I/we 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 Record ID 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. Inventor's Signature, Valluddin Y. Ali Inventor's Typed Name Date Application Date Assignment Signed Inventor's Signature Jose Paulo Xavier Pires Date Application Signed Inventor's Typed Name

Page 1 of 2

HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 60528

PATENT APPLICATION

RECORD ID:	82759487
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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 trans	fer to HPDC, its successors and assigns, the entire right, nder an application for Letters Patent of the United States
Web-Based Interface to Access a Function of a Basic i	nput/Output System
Filing Date:*	Application No.:
P's), divisionals, and renewals of and substitutes for said: Patent of the United States and of countries foreign ther reissues, or reexaminations, or extensions of said Letters if live additionally authorize HPDC to file application held and enjoyed by HPDC, its successors, assigns, nominaterms for which said Letters Patent respectively may be go same would have been held and enjoyed by me/us had the AND I/we hereby covenant that I/we have full right we have not executed and will not execute any agreementhat I/we will, each time a request is made, and without un necessary or desirable to perfect the title to said invention Patent, to HPDC, its successors, assigns, nominees or in HPDC, or to its nominee, all known facts respecting said Letters Patent, to testify in any legal proceedings, to sign a continuations, C-I-P's, reissue and foreign applications, to do everything possible to aid HPDC, its successors, assignionations, C-I-P's, reissue and foreign applications, to do everything possible to aid HPDC, its successors, assignionations, for their own benefit, proper patent protect countries provided the expenses which may be incurred in paid by HPDC; AND I/we hereby authorize and request the Comm and any official of any country or countries foreign to applications as aforesaid, to issue to HPDC, as assigned Patent for said invention(s) or improvement(s), including a be issued and granted on or as a result of the application a I/we further authorize and direct the attorneys or	ins in my/our name for Letters Patent in any country, to be nees or legal representatives, to the full end of the term or granted, reissued or extended, as fully and entirely as the sassignment, and transfer not been made; into convey the entire interest herein assigned, and that I/I in conflict herewith, and I/we further covenant and agree due delay, execute and deliver all such papers as may be in(s) or improvement(s), said application and said Letters legal representatives, and I/we agree to communicate to invention(s) or improvement(s), said application and said all lawful papers, to execute all disclaimers and divisionals, make all rightful oaths and declarations, and generally to signs, nominees and legal representatives to obtain and ion for said invention(s) or improvement(s) in any and all toy me/us in lending such cooperation and assistance are missioner of Patents and Trademarks of the United States the United States whose duty it is to issue patents on a of the entire right, title and interest, any and all Letters any and all Letters Patent of the United States which may aforesaid, in accordance with the terms of this assignment, if record to insert the serial number and filling date of said forth above as soon as the same shall have been made
Inventor's Signature	Date Assignment Signed
Valluddin Y. Ali	
Inventor's Typed Name	Date Application Signed
La Carlota bis	10/10/2011
Inventor's Signature	Date Assignment Signed
Jose Paulo Xavier Pires	10/10/2911
Inventor's Typed Name	Date Application Signed

Rev 09/11 (Assignment)

Page 1 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD	ID: 82759487	
ASSIGNMENT OF PATENT APPLICATION (cont.)			
James M. M.	1.	10 /10 /2011	
Inventor's Signature	Dat	te Assignment Signed	
James M. Mann		10/10/2011	
Inventor's Typed Name	Dat	te Application Signed	
Inventor's Signature	Dail	te Assignment Signed	
Bons Balacheff			
Inventor's Typed Name	Os.	te Application Signed	
Inventor's Signature	Dal	te Assignment Signed	
Chris I, Dalton Inventor's Typed Name	Dat	te Application Signed	
Inventor's Signature	Dal	te Assignment Signed	
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Inventor's Typed Name	Date	e Application Signed	

Rev 09/11 (Assignment)

Page 2 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Hannony Road Mail Stop 38 Fort Collins, Colorado 80528

PATENT APPLICATION

RECORDID:	82759487
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ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
James M. Menn	
Inventor's Typed Name	Date Application Signed
	20/(0/() Date Assignment Signed
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Inventor's Signature	
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Boris Balacheff	Carried Control of the Control of th
Inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
Chris I, Dalton	
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inventor's Signature	Date Assignment Signed
inventor's Typed Name	Date Application Signed

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HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mali Stop 35

PATENT APPLICATION

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Inventor's Signature	Date Assignment	Date Assignment Signed		
James M. Mann				
nventor's Typed Nama	Date Application	in Signed		
inventor's Signature	Daie Assignm	edi Signed		
Boris Balacheff Inventor's Typed Name	- Date Applicatio	on Signed		
Moll	12/10/ Date Assignment	'ii		
inventor's Signature Chris I. Dalton	12/10/	/11		
inventor's Typed Name	Date Appscals	ni 2lilisea		
inventor's Signature	Date Assignme	ani Signed		
Invantor's Typed Name	Date Application	on Signed		
Inventor's Signature	Date Assignm	ent Signed		
Inventor's Typed Name	Date Application	on Signed		
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Rev 00/11 (Assignment)

Inventor's Signature

Inventor's Typed Name

Page 2 of 2

Date Assignment Signed

Date Application Signed