PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bruce Williams	08/25/2010
David M. Hall	08/25/2010
Jonathan Newman	08/23/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12869175

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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

Phone: 970-898-4728

Email: JERRY.SHORMA@HP.COM Correspondent Name: **HEWLETT-PACKARD COMPANY** Address Line 1: 3404 E. Harmony Road, M/S 35 Address Line 2: Intellectual Property Administration Address Line 4: FORT COLLINS, COLORADO 80528

NAME OF SUBMITTER: Laura M. Zavala

Total Attachments: 3

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PATENT

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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. 201000299-1

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: INTERPRETING WEB APPLICATION CONTENT		
Filling Date:	Application No.:	
and the invention(s) and improvement(s) set forth the P's), divisionals, and renewals of and substitutes for Patent of the United States and of countries foreign reissues, or reexaminations, or extensions of said Let I/we additionally authorize HPDC to file applied and enjoyed by HPDC, its successors, assigns, terms for which said Letters Patent respectively may same would have been held and enjoyed by me/us he AND I/we hereby covenant that I/we have five have not executed and will not execute any agree that I/we will, each time a request is made, and without necessary or desirable to perfect the title to said impatent, to HPDC, its successors, assigns, nomineed HPDC, or to its nominee, all known facts respecting Letters Patent, to testify in any legal proceedings, to continuations, C-I-P's, reissue and foreign application do everything possible to aid HPDC, its successors enforce, for its or their own benefit, proper patent procuntries provided the expenses which may be incurpaid by HPDC; AND I/we hereby authorize and request the and any official of any country or countries foreign applications as aforesaid, to issue to HPDC, as assignations as aforesaid, to issue to HPDC, include issued and granted on or as a result of the applications are further authorize and direct the attorney.	erein, and any and all continuations, continuations-in-part (C-I-said application for said Letters Patent, and any and all Letters I thereto which may be granted thereon or therefore; and any ters Patent. Ilications in my/our name for Letters Patent in any country, to be nominees or legal representatives, to the full end of the term or the granted, reissued or extended, as fully and entirely as the ad this assignment, and transfer not been made; all right to convey the entire interest herein assigned, and that I/ement in conflict herewith, and I/we further covenant and agree out undue delay, execute and deliver all such papers as may be vention(s) or improvement(s), said application and said Letters is or legal 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 divisionals, ins, to make all rightful oaths and declarations, and generally to s, assigns, nominees and legal representatives to obtain and rotection for said invention(s) or improvement(s) in any and all irred by me/us in lending such cooperation and assistance are Commissioner of Patents and Trademarks of the United States in to the United States whose duty it is to issue patents on signee of the entire right, title and interest, any and all Letters ding any and all Letters Patent of the United States which may after and title set forth above as soon as the same shall have	
Inventor's Signature	Date Assignment Signed	
David M Hali		
Inventor's Typed Name	Date Application Signed	

Page 1 of 2

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

Rev 10/09 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. ______201000299-1__

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: INTERPRETING WEB APPLICATION CONTENT 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. 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 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 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. Date Assignment Signed Inventor's Signature Bruce Williams Date Application Signed Inventor's Typed Name Inventor's Signature David M Hall Inventor's Typed Name

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PATENT REEL: 024893 FRAME: 0429

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 201000299-1

ASSIGNMENT OF PATENT APPLICATION (cont.)		
Marie Carles	Date Assignment Signed	
figentur's Signature	Date Assignment Signed	
y Jonathan Newman	5/22/2010	
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	
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 REEL: 024893 FRAME: 0430**

RECORDED: 08/26/2010