PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3158776

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the LAST NAME OF THE 3RD INVENTOR previously recorded on Reel 028008 Frame 0652. Assignor(s) hereby confirms the LAST NAME OF THE 3RD INVENTOR SHOULD BE EDENS, NOT EDWARDS	
RESUBMIT DOCUMENT ID:	503089443	

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL G. MYRAH	04/04/2012
BRIAN M. SPENCER	04/05/2012
ZACHARY JONATHAN EDENS	04/05/2012

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:	13441349

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: 908 898-4235 Email: ipa.mail@hp.com

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

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

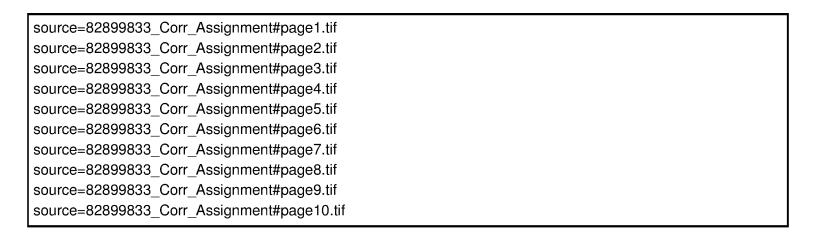
ATTORNEY DOCKET NUMBER:	82899833
NAME OF SUBMITTER:	PEGGY OYAMA
SIGNATURE:	/Peggy Oyama/
DATE SIGNED:	12/22/2014

Total Attachments: 10

503112169

REEL: 034572 FRAME: 0989

PATENT



PATENT REEL: 034572 FRAME: 0990

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael G. Myrah	04/04/2012
Brian M. Spencer	04/05/2012
Zachary Jonathan Edwards	04/05/2012

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:	13441349

CORRESPONDENCE DATA

(970)778-4063 Fax Number: Phone: 970-898-4728 Email: terri.tuma@HP.COM

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: **HEWLETT-PACKARD COMPANY Intellectual Pro**

Address Line 1: 3404 E. Harmony Road

Address Line 2: Mail Stop 35

FORT COLLINS, COLORADO 80528 Address Line 4:

NAME OF SUBMITTER: Jennifer Torres

Total Attachments: 2

source=Assignment9833#page1.tif source=Assignment9833#page2.tif

PATENT **REEL: 034572 FRAME: 0991** HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

TENT A		

RECORD ID:	82899833
	,

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 title and interest, including the right of priority, in, to and under a entitled:	HPDC, its successors and assigns, the entire right,
SCRIPT MODIFICATION SUGGESTION	
Filing Date: April 6, 2012 App	lication No.: 13/441,349
and the invention(s) and improvement(s) set forth therein, and a P's), divisionals, and renewals of and substitutes for said applications of the United States and of countries foreign thereto where it is a province of the United States and of countries foreign thereto where it is a province of the United States and of countries foreign thereto where it is a province of the provin	any and all continuations, continuations-in-part (C-I- tion for said Letters Patent, and any and all Letters sich may be granted thereon or therefore; and any my/our name for Letters Patent in any country, to be r legal representatives, to the full end of the term or l, reissued or extended, as fully and entirely as the grament, and transfer not been made; covey the entire interest herein assigned, and that I/ nflict herewith, and I/we further covenant and agree elay, execute and deliver all such papers as may be r improvement(s), said application and said Letters epresentatives, and I/we agree to communicate to ion(s) or improvement(s), said application and said ul papers, to execute all disclaimers and divisionals, all rightful oaths and declarations, and generally to nominees and legal representatives to obtain and said invention(s) or improvement(s) in any and all
AND I/we hereby authorize and request the Commission and any official of any country or countries foreign to the Urapplications as aforesaid, to issue to HPDC, as assignee of the Patent for said invention(s) or improvement(s), including any and be issued and granted on or as a result of the application aforesative further authorize and direct the attorneys of recomplication now identified by the Record ID and title set forth a known to them by the United States Patent and Trademark Office.	nited States whose duty it is to issue patents on e entire right, title and interest, any and all Letters d all Letters Patent of the United States which may pid, in accordance with the terms of this assignment. d to insert the serial number and filing date of said above as soon as the same shall have been made
RIOWIT & BIGHT OF THE CHIECO DISCUSS LICENSE VINCE CLAUDICIAN CHICA	. As a sa
arm am	4/4/12
Inventor's Signature	Date Assignment Signed
Nichari C March	4/4/12
Michael G Myrah Inventor's Typed Name	Date Application Signed
Inventor's Signature Brian M Spencer	4/5// 2. Date Assignment Signed 4/5/12
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 36 Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID:	82899833	

ASSIGNMENT OF PATENT APPLICATION (cont.)

Calm Allers	04/05/2012 Date Assignment Signed
Inventors Signature	Date Assignment Signed
· Z	AU 1687-165
Zachary Jonathan Edens Inventor's Typed Name	04/05/2012 Date Application Signed
mivemor a 1 ypau reacce	tsate 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

Rev 09/11 (Assignment)

RECORDED: 12/07/2014

Page 2 of 2

PATENT REEL: 034572 FRAME: 0993