PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2593855

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID B. NOVAK	04/26/2011
BRIAN WOODS	04/27/2011
ERIK D. NESS	04/26/2011
HUSTON W. RICE	04/26/2011
AMY SHIPMAN	04/27/2011

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:	14114404

CORRESPONDENCE DATA

Fax Number: (970)778-4063 Phone: (541)715-8443

Email: pto.assignments@hp.com

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

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:	CHRISTOPHER P. HARRIS
Signature:	/Christopher P. Harris/
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Date:	10/28/2013
Total Attachments: 4 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif	

PATENT REEL: 031491 FRAME: 0699 HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005820

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 furtherance of my/our obligations to the Hewlett-Packard Company and its

subsidiaries and affiliates, and do hereby assign an title and interest, including the right of priority, in, to entitled:	id transfer to HPDC, its succ and under an application fo	essors and assigns, the entire right r Letters Patent of the United States
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Filing Date: OCTOBER 28, 2013	Application No.:	14/114404
and the invention(s) and improvement(s) set forth P's), divisionals, and renewals of and substitutes for Patent of the United States and of countries foreignessues, or reexaminations, or extensions of said Live additionally authorize HPDC to file apheld and enjoyed by HPDC, its successors, assigns terms for which said Letters Patent respectively make would have been held and enjoyed by me/us. AND f/we hereby covenant that I/we have we have not executed and will not execute any agrithat I/we will, each time a request is made, and with necessary or desirable to perfect the title to said in Patent, to HPDC, its successors, assigns, nomine 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 successor enforce, for its or their own benefit, proper patent countries provided the expenses which may be incepted 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 a Patent for said invention(s) or improvement(s), include insued and granted on or as a result of the application now identified by the attorney docket in been made known to them by the United States Patent and made known to them by the United States Patent in the paten	therein, and any and all con- or said application for said Le- gn thereto which may be gretters Patent. plications in my/our name for said be granted, reissued or a say be granted, reissued or a shad this assignment, and transport of the convey the entire element in conflict herewith, mout undue delay, execute any entiron or improvement (element in conflict herewith, and transport on the conflict herewith any entiron of the conflict herewith any entiron of the conflict here in the constant of the conflict had been any entired by me/us in lending any end all Letters Patentian delays of record to insert the comber and title set forth about the conflict had the co	tinuations; continuations-in-part (C-letters Patent, and any and all Letters anted thereon or therefore; and any relatives, to the full end of the term or extended, as fully and entirely as the inster not been made; and there in assigned, and that I and I/we further covenant and agree and I/we further covenant and agree and I/we agree to communicate to vement(s), said application and said Letters and I/we agree to communicate to vement(s), said application and said secute all disclaimers and divisionals as and declarations, and generally to legal representatives to obtain and (s) or improvement(s) in any and all such cooperation and assistance are and Trademarks of the United States those duty it is to issue patents or little and interest, any and all Letters at the control of the United States which may be with the terms of this assignment, serial number and filing date of said
O13 Kinel	the second	-26-2011
Inventor's Signature		ignment Signed
DAVID B. NOVAK	and the same	26-2011
Inventor's Typed Name	Date App	lication Signed
Inventor's Signature	Date Ass	gnment/Signed
BRIAN WOODS		
Inventor's Typed Name	Date App	fication Signed
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PATENT REEL: 031491 FRAME: 0700 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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ATTORNEY DOCKET NO. 201005820

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 mylour 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: SUPPLY ITEM MESSAGING 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 oaths 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.

inventor's Signature	Date Assignment Signed
DAVID B. NOVAK Inventor's Typed Name	Date Application Signed
inventor a Typed reamo	
2.	0-1 9711 0011
15_ Woods Inventor's Signature	Apr. L 27 Hb 2011 Date Assignment Signed
BRIAN WOODS	Apr 1 2713 2011 Date Application Signed
Inventor's Typed Name	Date Application Signed

Rev 10/09 (Assignment)

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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. 201005820

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ASSIGNMENT OF P	ATENT APPLICATION (cont.)
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nventor's Signature	
ERIK D. NESS	Date Application Signed
nventor's Typed Name	Date Application Signed
Huster W. Price	Hpril Z6, Z0 // Date Assignment Signed
nventor's Signature	Date Assignment Signed
HUSTON W. RICE	Hip r. 1 26, 2011 Date Application Signed
Inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
AMY SHIPMAN	
inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
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Inventor's Typed Name	Date Application Signed

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PATENT APPLICATION

ATTORNEY DOCKET NO.

201005820

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date:Assignment Signed
ERIK D. NESS	
Inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
HUSTON W. RICE	
Inventor's Typed Name	Date Application Signed
My My	4/27/11
inventor's signature	Date Assignment Signed
AMY ŞHIPİMAN Inventor's Typed Name	Date Application Signed
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Rev 10/09 (Assignment)

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