502536103 10/17/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2581471

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	ASSIGNMENT			
CONVEYING PARTY DATA				
Name		Execution Date		
ROLAND M. HOCHMUTH		12/16/2010		

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:	13994274

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:	CRISTINA M. HALVORSON	
Signature:	/Cristina M. Halvorson/	
Date:	10/17/2013	

Total Attachments: 1

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PATENT

REEL: 031426 FRAME: 0129

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

PATENT APPLICATION

PATENT REFERENCE:_

201004976

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, (hereinefter 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:

Route a Service

Filing Date:	Application No.:
P's), divisionals, and renewals of and substitutes for said Patent of the United States and of countries foreign the reissues, or reexaminations, or extensions of said Letters. If we additionally authorize HPOC to file applicate held and enjoyed by HPDC, its successors, assigns, non-terms for which said Letters Patent respectively may be same would have been held and enjoyed by me'us had to AND live hereby covenant that live have full if we have not executed and will not execute any agreement that live will, each time a request is made, and without it necessary or desirable to perfect the tills to said inventing Patent, to HPDC, its successors, assigns, nominees of HPDC, or its nominee, all known facts respecting said Letters Patent, to testify in any legal proceedings, to sign continuations. C-I-P's, reissue and foreign applications, a continuations. C-I-P's, reissue and foreign applications, a enforce, for its or their own benefit, proper patent protections, for its or their own benefit, proper patent protections provided the expenses which may be incurred paid by HPDC: AND live hereby authorize and request the Column any official of any country or countries foreign to applications as aforesaid, to issue to HPDC, as assigns the latent for said invention(s) or improvement(s), including the latent for said invention(s) or improvement(s), including the further authorize and direct the attorneys.	in, and any and all continuations, continuations-in-part (C-) application for said Letters Patent, and any and all Letters Patent. Patent. Ions in mylour name for Letters Patent in any country, to be ninees or legal representatives, to the full end of the term 0 granted, reissued or extended, as fully and entirely as the its assignment, and transfer not been made; ght to convey the entire interest herein assigned, and that in conflict herewith, and I/we further covenant and agreement in conflict herewith, and I/we further covenant and agreements or improvement(s), said application and said Letters legal representatives, and I/we agree to communicate to dinvention(s) or improvement(s), said application and said letters all lewful papers, to execute all disclaimers and divisionals to make all rightful oaths and declarations, and generally to said invention(s) or improvement(s), representatives to obtain and title for said invention(s) or improvement(s) in any and all by me/us in lending such cooperation and assistance are the United States whose duty it is to issue patents or see of the entire right, title and interest, any and all Letters and title set forth above as soon as the same shall have
Rlund N. Horland inventors Signature	December 16, 2010 Date Assignment Signed December 16, 2010 Date Application Signed
Roland M. Hochmith	December 16, 2010
Inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
Invantor's Typed Name	Date Application Signed
Rev 06/10 (Assignment) Pane	t of t

PATENT REEL: 031426 FRAME: 0130

RECORDED: 10/17/2013