504508310 08/17/2017

EPAS ID: PAT4555015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORGE C. ROSS	04/24/2015
RON BURNS	04/24/2015

RECEIVING PARTY DATA

Name:	lewlett-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:	15543546

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: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER: 84646814 NAME OF SUBMITTER: **HEATHER ELLIS** SIGNATURE: /Heather Ellis/ **DATE SIGNED:** 08/17/2017

Total Attachments: 2

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> **PATENT REEL: 043320 FRAME: 0960** 504508310

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

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8-23 8 8-38 8	22 2 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

RECORD ID:	84172528

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged.

Limited Partnership havis subsidiaries and affiliates,	//our obligations to H ng its principal place agree to assign and tr	EWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas of business in Houston, Texas, (hereinafter HPDC), and to its ansfer and hereby assign and transfer to HPDC, its successors and ling the right of priority, in, to and under an application for Patent
DUAL AND SINGLE DRO	P WEIGHT PRINTING	
Filing Date: April 30, 2	015	Application No.: PCT/US2015/028415
divisionals, and renewals	of and substitutes for s	therein, and any and all continuations, continuations-in-part (C-I-P's), aid application for said Patent, and any and all other Patent of any reference; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors,	assigns, nominees or le granted, reissued or e	ations in my/our name for Patent in any country, to be held and enjoyed gal representatives, to the full end of the term or terms for which said xtended, as fully and entirely as the same would have been held and not been made;
executed and will not executime a request is made, an perfect the title to said invenominees or legal represer said invention(s) or improvipapers, to execute all disrightful paths and declarational legal representatives to	ute any agreement in out d without undue delay, e ntion(s) or improvement statives, and I/we agree ement(s), said application claimers and divisionals ons, and generally to do o obtain and enforce, for id all countries provide	ight to convey the entire interest herein assigned, and that I/we have not inflict herewith, and I/we further covenant and agree that I/we will, each execute and deliver all such papers as may be necessary or desirable to (s), said application and said Patent, to HPDC, its successors, assigns, to communicate to HPDC, or to its nominee, all known facts respecting an and said Patent, to testify in any legal proceedings, to sign all lawful, continuations, C-I-P's, reissue and foreign applications, to make all be everything possible to aid HPDC, its successors, assigns, nominees its or their own benefit, proper patent protection for said invention(s) or the expenses which may be incurred by me/us in lending such
applications as aforesaid, I	o issue to HPDC, as as nt(s) which may be is	official of any country or countries whose duty it is to issue patents on isignee of the entire right, title and interest, any and all Patent for said sued and granted on or as a result of the application aforesaid, in
		ys of record to insert the filing date and application number of said ID and title set forth above, as soon as the same shall have been made
IN WITNESS WHERE	OF, I/we hereunto set	my/our hand(s) and seai(s):
Inventor's Stinature		
George C	Ross	<u></u>
First/Middle Name	Last Name	
inventor's Signature		- Date -
Ron	Surns	
First/Middle Name	Last Name	
Rev 8/2014 (Assignment)		Page 1 of 1

PATENT REEL: 043320 FRAME: 0961

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

RECORDED: 08/17/2017

P	Δ	т	F	N	IT	Α	P	P	I	C	Δ	T	1	N	d

RECORD ID:	84172528

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged.

Limited Partnership having its principal subsidiaries and affiliates, agree to assign	is to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas place of business in Houston, Texas, (hereinafter HPDC), and to its n and transfer and hereby assign and transfer to HPDC, its successors and it, including the right of priority, in, to and under an application for Patent
DUAL AND SINGLE DROP WEIGHT PR	INTING
Filing Date: April 30, 2015	Application No.: PCT/US2015/028415
divisionals, and renewals of and substitut	set forth therein, and any and all continuations, continuations-in-part (C-I-P's) es for said application for said Patent, and any and all other Patent of any ereon or therefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assigns, nomine	e applications in my/our name for Patent in any country, to be held and enjoyed es or legal representatives, to the full end of the term or terms for which said used or extended, as fully and entirely as the same would have been held and transfer not been made;
executed and will not execute any agreement time a request is made, and without undue perfect the title to said invention(s) or impronominees or legal representatives, and I/we said invention(s) or improvement(s), said a papers, to execute all disclaimers and divightful oaths and declarations, and general and legal representatives to obtain and enforcement.	ave full right to convey the entire interest herein assigned, and that I/we have not ent in conflict herewith, and I/we further covenant and agree that I/we will, each delay, execute and deliver all such papers as may be necessary or desirable to exement(s), said application and said Patent, to HPDC, its successors, assigns a agree to communicate to HPDC, or to its nominee, all known facts respecting pplication and said Patent, to testify in any legal proceedings, to sign all lawfur insionals, continuations, C-I-P's, reissue and foreign applications, to make all ally to do everything possible to aid HPDC, its successors, assigns, nominees force, for its or their own benefit, proper patent protection for said invention(s) of provided the expenses which may be incurred by me/us in lending such DC;
applications as aforesaid, to issue to HPD	est the official of any country or countries whose duty it is to issue patents or C, as assignee of the entire right, title and interest, any and all Patent for said y be issued and granted on or as a result of the application aforesaid, in t.
I/we further authorize and direct the application for Patent, now identified by the known to them.	attorneys of record to insert the filing date and application number of said Record ID and title set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereur	nto set my/our hand(s) and seal(s):
Inventor's Signature	Date
George C Ross	
First/Middle Name Last Name	:
Ren Burn	4/24/15
Inventor's Signature	Date
Ron Burns	
First/Middle Name Last Name	3
Rev 8/2014 (Assignment)	Page 1 of 1

REEL: 043320 FRAME: 0962