# **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DENNIS R. ESTERBERG	01/25/2018
CHRISTIE DUDENHOEFER	01/25/2018

## **RECEIVING PARTY DATA**

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.			
Street Address:	10300 ENERGY DRIVE			
City:	SPRING			
State/Country:	TEXAS			
Postal Code:	77389			

## **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16769850		

## **CORRESPONDENCE DATA**

Fax Number:

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.

**Email:** ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD

Address Line 2: MAIL STOP 35

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85898802	
NAME OF SUBMITTER: ABIGAIL A. LORFING		
SIGNATURE: /Abigail A. Lorfing/		
DATE SIGNED:	06/04/2020	

**Total Attachments: 1** 

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PATENT REEL: 052841 FRAME: 0131

506091267

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 60528

PATENT APPLICATION

RECORD ID: 84848856

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and 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 Patent entitled:

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Filing Date:	January	26,	2018	Application No.:	PCT,	/US2018/	015556
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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 Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

I/we additionally authorize HPDC to file applications in my/our name for 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 ferms for which said 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 live hereby covenant that live have full right to convey the entire interest herein assigned, and that live have not executed and will not execute any agreement in conflict herewith, and live further covenant and agree that live 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 Patent, to HPDC, its successors, assigns, nominees or legal representatives, and live agree to communicate to HPDC or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said 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 inventionits) 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 live hereby authorize and request the official of any country or countries 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 Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

live further authorize and direct the attorneys of record to lineer the filling date and application number of said application for Parent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHER Design R G	EOF, I/we hereunto set my LLL	/our hand(s) and	and seal(s):  01/25/2019			
Inventor's Signature			Date: / /			
Dennis R.	Esterberg					
Fifet/Middle Name	Last Name		- - 1/25/2011			
Inventor's Signature			Cate			
Christie	Dudenboefer					
First/Middle Name	Last Name		··			
Rev 8/2014 (Assignment)		Page 1 of 1				