506073408 05/22/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6120123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ERIC MARTIN	02/04/2019
SCOTT A. LINN	02/04/2019
JAMES MICHAEL GARDNER	02/04/2019

### **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:	16766521

### 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: 34-93-00-32-770 Email: ipa.mail@hp.com

HP INC. **Correspondent Name:** 

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Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85887943
NAME OF SUBMITTER:	CHRISTOPHER R. ROGERS
SIGNATURE:	/Christopher R. Rogers/
DATE SIGNED:	05/22/2020

#### **Total Attachments: 3**

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**PATENT REEL: 052736 FRAME: 0800** 506073408

HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

RECORD	ID:	84965490

### **ASSIGNMENT OF PATENT APPLICATION**

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter "HPDC"), its successors, and its assigns, my entire right, title, and interest, including all rights of priority, in, to, and under an application for patent entitled (English-language title in parentheses if said application for patent is in another language):

parentheses if	said applic	ation for patent is in and	other language):	,,,	, , , , , , , , , , , , , , , , , , ,	
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Filing Date:	May 22	, 2020	Application No.:	16/766,52	21	_Patent Office: US
herein "patent" design rights, a country or region patent, any and said Inventions indirectly claims of, divisional application for a on or as a resu	refers to a and utility on or unde a lall applications opplications oatent for a lt of said A	ny form of intellectual pu model rights) (hereinaf r any international agre ations for patent directly all applications for pat r benefit, and any and a of, national-phase app any of said Inventions)	roperty protection inclifer "Inventions"); any ement for any of said or indirectly claiming tent from which any all continuation applications of, regional-(hereinafter "Applications	uding, witho and all exi Inventions ( priority to capplication f ations of, couphase applications of, couphase applications of, couphase applications for Pate	ut limitation, invention isting and future applications, without limitor benefit of any application patent for any of sontinuation-in-part applications of, renewals of ent"); any and all paten	cation for patent (as userights, utility patent rights cations for patent of an ation, said application for aition for patent for any cation for patent for any cations (hereinafter CIPs f, and substitutes for an its which may be granteininations, and extension
I HEREBY entire right, title conflict herewith	, and inter	t that I convey my full i est herein assigned and	rights in all countries d transferred, and that	and regions I have not	s and under all interna executed and will not e	tional agreements to the execute any agreement in
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IN WITNE	SS WHER	EOF, I hereunto set my	hand and seal:	١٠	C . a	
150	( OL			4	FEB	19
Inventor's Signa	ature			Day	Month	Year
Eric Given (First and	Middle) Na	MARTIN ame(s) Family Name				
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Rev 8/2018 (HPDC Assignment)

HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

RECORD	ID:	849654	190

# **ASSIGNMENT OF PATENT APPLICATION**

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. a Tayas Limited Partnership

having its prin title, and inter	cipal place of business in Feest, including all rights of paid application for patent is	louston, Texas, (hereinafte priority, in, to, and under a	r "HPDC"), its	successors, and it	s assigns, my entire right.
DIE FOR A F	PRINTHEAD				
Filing Date:	May 22, 2020	Application No.:	16/766,521		Patent Office: <u>US</u> ;
herein "patent" design rights, country or regi patent, any an said Inventions indirectly claim of, divisional a application for on or as a resi	tter, including any and all interests to any form of intelled and utility model rights) (he on or under any international discourage and all applications of any and all applications is priority or benefit, and any applications of, national-phase patent for any of said Invended to said Applications for Patent or said Pate	ctual property protection incereinafter "Inventions"); any all agreement for any of said directly or indirectly claiming for patent from which any and all continuation applicate applications of, regionaltions) (hereinafter "Applicat atent (hereinafter "Patents"	luding, without and all exist Inventions (ir g priority to or application for ations of, cont phase applications for Paten	limitation, inventioning and future application, without lind benefit of any application for any of inuation-in-part applications of, renewals to the application of	n rights, utility patent rights plications for patent of any nitation, said application for ication for patent for any or said Inventions directly or plications (hereinafter CIPs) of, and substitutes for any ents which may be granted
I HEREB' entire right, title conflict herewit	of represent that I convey mand interest herein assign th;	y full rights in all countries ed and transferred, and tha	and regions a t I have not ex	and under all interi recuted and will not	national agreements to the execute any agreement in
Applications for authorize HPD	EREBY authorize HPDC, in Patent in its name or in in its name or in its assignment, its assignment office of said application.	my name in any country o gns, its nominees, and its	r region or un legal represe	der any internation intatives to insert	nal agreement, and further the filing date, application
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IN WITNE	ESS WHEREOF, I hereunto	set my hand and seal:			
- An	11/2		4	Februar	20/9 Your
Inventor's Sign	ature		Day	Month /	Year
Scott A.	LINN				
Given (First and	d Middle) Name(s) Family	/ Name			

Rev 8/2018 (HPDC Assignment)

HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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RECORD ID:84965490	

#### ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter "HPDC"), its successors, and its assigns, my entire right, title, and interest, including all rights of priority, in, to, and under an application for patent entitled (English-language title in parentheses if said application for patent is in another language):

Filing Date:	May 22, 2020	Application No.:	16/766,521	Patent Office: US ;
the subject mat	tter, including any and all	inventions, improvements, and	d discoveries, set forth in	said application for patent (as used

the subject matter, including any and all inventions, improvements, and discoveries, set forth in said application for patent (as used herein "patent" refers to any form of intellectual property protection including, without limitation, invention rights, utility patent rights, design rights, and utility model rights) (hereinafter "Inventions"); any and all existing and future applications for patent of any country or region or under any international agreement for any of said Inventions (including, without limitation, said application for patent, any and all applications for patent directly or indirectly claiming priority to or benefit of any application for patent for any of said Inventions, any and all applications for patent from which any application for patent for any of said Inventions directly or indirectly claims priority or benefit, and any and all continuation applications of, continuation-in-part applications (hereinafter CIPs) of, divisional applications of, national-phase applications of, regional-phase applications of, renewals of, and substitutes for any application for patent for any of said Inventions) (hereinafter "Applications for Patent"); any and all patents which may be granted on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions of said Applications for Patent or said Patents.

I HEREBY represent that I convey my full rights in all countries and regions and under all international agreements to the entire right, title, and interest herein assigned and transferred, and that I have not executed and will not execute any agreement in conflict herewith;

AND I HEREBY authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to file said Applications for Patent in its name or in my name in any country or region or under any international agreement, and further authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to insert the filing date, application number, and patent office of said application for patent, now identified by the Record ID and title set forth above, when known to them:

AND I HEREBY authorize and request the officials of all countries and regions and under all international agreements whose duty it is to issue patents, to issue to HPDC, its successors, or its assigns, as assignee of my entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer;

AND I HEREBY covenant and agree that I 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 in said Inventions, Applications for Patent, and Patents, to HPDC, its successors, or its assigns; communicate to HPDC, its successors, its assigns, its nominees, or its legal representatives, all known facts respecting said Inventions, Applications for Patent, and Patents; testify in any legal or administrative proceedings and sign all lawful papers (including, without limitation, divisional applications, continuation applications, CIPs, and reissue applications) relating to said Inventions, Applications for Patent, and Patents; and make all rightful oaths and declarations and generally to do everything possible to aid HPDC, its successors, its assigns, its nominees, and its legal representatives to obtain, maintain, and enforce, for its or their own benefit, proper intellectual property protection for said Inventions, Applications for Patent, and Patents, provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by HPDC, its successors, its assigns, its nominees, or its legal representatives.

INWITNESS WHEREOF, I h	ereunto set my hand and seal:	4	2.	19
Inventor's Signature		Day	Month	Year
James Michael	GARDNER			
Given (First and Middle) Name(s)	Family Name	_		

Rev 8/2018 (HPDC Assignment)