506088014 06/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6134732

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES GARDNER	01/24/2019
DARYL E ANDERSON	01/24/2019
EVAN DAGG	01/24/2019

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:	16769043

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.

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

Correspondent Name: HP INC.

Address Line 1: 3390 EAST HARMONY ROAD MS 35

Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85891375
NAME OF SUBMITTER:	ABIGAIL J. TAYLOR
SIGNATURE:	/Abigail J. Taylor/
DATE SIGNED:	06/03/2020

Total Attachments: 3

source=85891375_HPI-1191_Signed_Assignment#page1.tif source=85891375_HPI-1191_Signed_Assignment#page2.tif source=85891375_HPI-1191_Signed_Assignment#page3.tif

PATENT 506088014 REEL: 052820 FRAME: 0955

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

PRINT MATERIAL LEVEL SENSING

of said Applications for Patent or said Patents.

PATENT APPLICATION

RECORD ID: 85006815

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 Spring, 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:	June 2, 2020	Application No.: 16/769	9,043 Patent Office: US	,
the subject ma	atter, including any and	all inventions, improvements, and discovered	eries, set forth in said application for patent (as use	:(
herein "patent"	" refers to any form of i	ntellectual property protection including, w	ithout limitation, invention rights, utility patent right	s
design rights,	and utility model right	is) (hereinafter "Inventions"); any and all	existing and future applications for patent of ar	'n
country or reg	ion or under any intern	ational agreement for any of said Invention	ons (including, without limitation, said application for	Š
patent, any an	id all applications for p	atent directly or indirectly claiming priority	to or benefit of any application for patent for any	ò
said Invention	is, any and all applica	tions for patent from which any applicati	on for patent for any of said inventions directly	·
indirectly clain	ns priority or benefit, ar	nd any and all continuation applications of	, continuation-in-part applications (hereinafter CIP)	
of, divisional a	applications of nationa	I-phase applications of regional-phase a	pplications of, renewals of, and substitutes for ar	ï
			Patent [®]): any and all natents which may be deseted	

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:

on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions

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.

IN WITNESS WHEREOF, I h	ereunto set my hand and seal:	24	1	19
Inventor's Signature		Day	Month	Year
James Gardner				
Given (First and Middle) Name(s)	Family Name			

Rev 8/2018 (HPDC Assignment)

PATENT APPLICATION

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

ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and ılр le, es

having its prin and interest, it	cipal place of busines	Isfer to HEWLE I I-PACKARD Disser to HEWLE I I-PACKARD Disses in Spring, Texas, (hereinafter infority, in, to, and under an applic other language):	'HPDC"), its s	uccessors, and	lits assigns	. my entire right, f	title.
PRINT MATE	ERIAL LEVEL SENS	SING					
Filing Date:	June 2, 2020	Application No.:	16/769,0	043	Pa	atent Office: <u>US</u>	
herein "patent" design rights, country or reg patent, any an said Invention indirectly claim of, divisional a application for on or as a res	refers to any form of and utility model rig ion or under any inte id all applications for s, any and all applic s priority or benefit, is applications of, nation patent for any of sai	d all inventions, improvements, a fintellectual property protection in hts) (hereinafter "Inventions"); a mational agreement for any of sa patent directly or indirectly claims ations for patent from which any and any and all continuation applical-phase applications of, regional Inventions) (hereinafter "Application Patent (hereinafter "Patentid Patents.	icluding, without any and all extended in the control of the contr	out limitation, in- isting and future (including, with or benefit of an for patent for a intinuation-in-pa- cations of, rene ent"); any and a	vention righter application out limitation out limitation of said art application wals of, and all patents vention righter than the said of the said patents vention of the said patents o	ts, utility patent rigons for patent of on, said application for patent for an Inventions directl ons (hereinafter C and substitutes for which may be graunt on the control of the control of the control o	ghts, any n for ny of ly or IPs) any nted
I HEREB entire right, titl conflict herewi	e, and interest herein	nvey my full rights in all countrie assigned and transferred, and if	es and regions nat I have not	s and under all executed and v	I internation will not exec	nal agreements to cute any agreemen	the
Applications for authorize HPI	or Patent in its name OC, its successors,	PDC, its successors, its assign or iri my name in any country ts assigns, its nominees, and it pplication for patent, now identifi	or region or ts legal repre	under any inte- sentatives to i	rnational ag	greement, and fur iling date: applica	rther ation
duty it is to iss	sue patents, to issue	request the officials of all countri to HPDC, its successors, or its a ns of this assignment and transfe	ssigns, as as:	is and under all signee of my e	l internation ntire right, t	al agreements while, and interest,	iose said
such papers a HPDC, its suc all known facts and sign all I applications) r generally to do maintain, and and Patents, p	as may be necessary cessors, or its assign s respecting said Inver- awful papers (included elating to said Inven- to everything possible enforce, for its or their provided the expense:	agree that I will, each time a requiry or desirable to perfect the title is; communicate to HPDC, its succentions, Applications for Patent, alling, without limitation, divisional tions, Applications for Patent, are to aid HPDC, its successors, its or own benefit, proper intellectual is swhich may be incurred by me incees, or its legal representatives.	in said Invercessors, its as and Patents; to I applications of Patents; ar assigns, its no property prote	ntions, Applicatesigns, its nominestify in any leg continuation of make all rigominees, and it ction for said In	tions for Pa nees, or its gal or admir applications htful oaths ts legal representions. A	atent, and Patents legal representation inistrative proceeds, CIPs, and reis and declarations resentatives to ob-	s, to ives, ings, ssue and tain, tent.
Inventor's Sign	Can	reunto set my hand and seaf: Family Name	24 Day	Janu Month	a g	<u>2619</u> Year	

Rev 8/2018 (HPDC Assignment)

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

RECORD ID: 85006815

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 Spring. 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):					
PRINT MATERIAL LEVEL SENSING					
Filing Date: June 2, 2020	Application No.:	16/769,0)43	Patent Office: US ;	
the subject matter, including any and all inventior herein "patent" refers to any form of intellectual pridesign rights, and utility model rights) (hereinat country or region or under any international agrepatent, any and all applications for patent directly said Inventions, any and all applications for patindirectly claims priority or benefit, and any and a of, divisional applications of, national-phase application for patent for any of said Inventions) on or as a result of said Applications for Patent (of said Applications for Patents.	roperty protection inciter "Inventions"); any ement for any of said y or indirectly claimin tent from which any all continuation applications of, regional (hereinafter "Applications to the control of the control	luding, without and all ex finventions generated application attempts of, co-phase applicions for Pate	out limitation, inventi- isting and future ap- (including, without lor benefit of any ap- for patent for any of intinuation-in-part ap- cations of, renewal ent"); any and all pent"); any and all pent");	on rights, utility patent rights, pplications for patent of any imitation, said application for plication for patent for any of of said Inventions directly or oplications (hereinafter CIPs) s of, and substitutes for any atents which may be granted	
I HEREBY represent that I convey my full a entire right, title, and interest herein assigned and conflict herewith;	rights in all countries d transferred, and tha	and regions t I have not	s and under all inte executed and will n	ernational agreements to the ot execute any agreement in	
AND I HEREBY authorize HPDC, its suc Applications for Patent in its name or in my na authorize HPDC, its successors, its assigns, it number, and patent office of said application for them;	me in any country o s nominees, and its	r region or : legal repre	under any internati sentatives to inser	onal agreement, and further the filing date, application	
AND I HEREBY authorize and request the o duty it is to issue patents, to issue to HPDC, its Patents, in accordance with the terms of this assign	successors, or its as	s and region signs, as ass	is and under all inte signee of my entire	rnational agreements whose right, title, and interest, said	
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.					
IN WITNESS WHEREOF, I hereunto set my	hand and seal:				
Lum Jum		24	l	2019	
Inventor's Signature		Day	Month	Year	
Evan Dagg					
Given (First and Middle) Name(s) Family Name	•				

Rev 8/2018 (HPDC Assignment)

PATENT REEL: 052820 FRAME: 0958