01/21/2021 506461291

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6508067

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERTO ARGENTA COUTINHO	01/28/2019
MAIKEL MACIEL RONNAU	01/28/2019

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:	17262076

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.

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Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85958144
NAME OF SUBMITTER:	ALISSA A JUNGE
SIGNATURE:	/Alissa A Junge/
DATE SIGNED:	01/21/2021

Total Attachments: 2

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> **PATENT** REEL: 054987 FRAME: 0181 506461291

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

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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):

UPGRADE DETERMINATIONS OF DEVICES BASED ON TELEMETRY DATA

Filing Date: _	01 Feb 2019	Application No.:	PCT/US2019/016381	Patent Office: US
herein "patent" n design rights, ai country or region patent, any and said Inventions, indirectly claims of, divisional app application for po on or as a result	efers to any form of inteller nd utility model rights) (he n or under any internations all applications for patent any and all applications priority or benefit, and any plications of, national-phas atent for any of said Inven	ctual property protection inclereinafter "Inventions"); any at agreement for any of said directly or indirectly claiming for patent from which any and all continuation applicates applications of, regional- dions) (hereinafter "Applicates")	discoveries, set forth in said appuding, without limitation, invention and all existing and future appunctions (including, without ling priority to or benefit of any application for patent for any of ations of, continuation-in-part apphase applications of, renewals ions for Patent'); any and all pates, and any and all reissues, reex	n rights, utility patent rights, olications for patent of any nitation, said application for lication for patent for any of said Inventions directly or plications (hereinafter CIPs) of, and substitutes for any ents which may be granted

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, 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.

	ereunto set my hand and seal:			
Inventor's Signature		Day	ANUAKY Month	Year
Roberto Argenta	Coutinho			
Given (First and Middle) Name(s)	Family Name			

PATENT APPLICATION

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

RECORD ID: 700233210

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 princ and interest, inc	ipal place of busines	iss in Spring, Texas, (hereinafter "H riority, in, to, and under an applicat other language):	PDC"), its s	uccessors, and its as	signs, my entire right, title	e,
UPGRADE DI	ETERMINATIONS	OF DEVICES BASED ON TELE	METRY DA	TA		
Filing Date: _	01 Feb 2019	Application No.:	PCT/U	JS2019/016381	Patent Office: US	_;
herein "patent" design rights, a country or regio patent, any and said Inventions indirectly claims of, divisional as application for pon or as a resu	refers to any form of and utility model rigit on or under any inter all applications for any and all applica- priority or benefit, a oplications of, nation patent for any of said	d all inventions, improvements, and intellectual property protection includes) (hereinafter "Inventions"); any mational agreement for any of said patent directly or indirectly claiming ations for patent from which any and any and all continuation applicated inventions) (hereinafter "Applicates for Patents" id Patents.	uding, without and all extended and all extended and all extended application of the property	ut limitation, inventio isting and future app (including, without lin or benefit of any appl for patent for any of ntinuation-in-part app cations of, renewals ent"); any and all pat	n rights, utility patent right olications for patent of an nitation, said application f lication for patent for any said Inventions directly olications (hereinafter CIP of, and substitutes for an ents which may be grante	ts, ny or of or s) ny ed
	, and interest herein	nvey my full rights in all countries assigned and transferred, and tha				
Applications for authorize HPD	r Patent in its name C, its successors, i	PDC, its successors, its assigns or in my name in any country o ts assigns, its nominees, and its pplication for patent, now identified	r region or legal repre	under any internation sentatives to insert	nal agreement, and furth the filing date, application	er on
duty it is to issu	ue patents, to issue	request the officials of all countries to HPDC, its successors, or its ass as of this assignment and transfer;				
such papers as HPDC, its succ all known facts and sign all la applications) re generally to do maintain, and e and Patents, pr	s may be necessary essors, or its assigns respecting said Inventional Inventor Inven	agree that I will, each time a requent or desirable to perfect the title is; communicate to HPDC, its succentions, Applications for Patent, and ing, without limitation, divisional tions, Applications for Patent, and to aid HPDC, its successors, its arrown benefit, proper intellectual propers which may be incurred by me in linees, or its legal representatives.	n said Inversessors, its as d Patents; t applications Patents; ar ssigns, its no operty prote	ntions, Applications of ssigns, its nominees, estify in any legal or , continuation applic nd make all rightful of cominees, and its lega ction for said Invention	for Patent, and Patents, or its legal representative administrative proceeding cations, CIPs, and reisso paths and declarations are at representatives to obtains, Applications for Pater	to s, gs ue nd in, nt,
IN WITNE	SS WHEREOF, I he	reunto set my hand and seal:				-
Monitor's Signature	hef Youd	1 Roman)。 Day	Jonesty Month	JOIS Year	
Maikel Maciel		Rönnau		**		
Given (First and	Middle) Name(s)	Family Name				

Rev 8/2018 (HPDC Assignment)

PATENT REEL: 054987 FRAME: 0183

RECORDED: 01/21/2021