506737570 06/28/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHING-SHENG CHENG	04/23/2019
CHIA-WEN WENG	04/23/2019

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:	17418913

CORRESPONDENCE DATA

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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:	86034210
NAME OF SUBMITTER:	CARRIE A. MILANO
SIGNATURE:	/Carrie A. Milano/
DATE SIGNED:	06/28/2021

Total Attachments: 2

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PATENT 506737570 REEL: 056683 FRAME: 0596

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

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RECORD	ID:	8571	19917

ASSIGNMENT OF PATENT APPLICATION

transfer and her having its princi and interest, inc	rsigned, for good and valuab reby assign and transfer to H pal place of business in Spri cluding all rights of priority, in, on for patent is in another land	EWLETT-PACKARD DE\ ng, Texas, (hereinafter "F . to, and under an applica	/ELOPMENT COMPA IPDC"), its successors	NY, L.P., a Texas s, and its assigns	s Limited Partnersh; , my entire right, title
SENSOR DEV	ICES ATTACHABLE TO E	LECTRONIC DEVICES			
Filing Date:	25 Apr 2019	Application No.:	PCT/US2019/0	29203 Pa	tent Office: US
herein "patent" r design rights, a country or region patent, any and said Inventions, indirectly claims of, divisional ap application for p on or as a result	er, including any and all inver- efers to any form of intellectu- ind utility model rights) (here in or under any international a all applications for patent dir- any and all applications for priority or benefit, and any a plications of, national-phase latent for any of said Inventications for Pat- ons for Patent or said Patents	ual property protection inc einafter "Inventions"); any agreement for any of saic ectly or Indirectly claiming r patent from which any and all continuation applic applications of, regional- ons) (hereinafter "Applications) (hereinafter "Patents"	luding, without limitation and all existing and all existing and I inventions (including a priority to or benefit application for patent ations of, continuation phase applications of ions for Patent"); any	on, invention right I future application, without limitation of any application for any of said in-part application f, renewals of, and and all patents w	is, utility patent rights ons for patent of an in, said application for in for patent for any of liventions directly or ons (hereinafter CIPs ind substitutes for an which may be grante
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IN WITNES	SS WHEREOF, I hereunto se	t my hand and seal;			
aring - Gl	neng Cheng		2> 4	:	2019
Inventor's Signa	ture)		Day Month		Year
Ching-Sheng Given (First and I	Uneng Middle) Name(s) Family N	lame			

Rev 8/2018 (HPDC Assignment)

DAT	CMT	APPL	100	TION
CAI	CNI	AFFI	11.4	

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

SENSOR DEVICES ATTACHABLE TO ELECTRONIC DEVICES

RECORD ID: 85719917	
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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):

Filing Date:	25 Apr 2019	Application No.:	PCT/US2019/029203	Patent Office: US;
herein "patent' design rights, country or reg said Invention indirectly claim of, divisional a application for on or as a res	" refers to any form of intelle and utility model rights) (h ion or under any internation at all applications for patent is, any and all applications in priority or benefit, and an applications of, national-pha patent for any of said Inver	ectual property protection inclu- nereinafter "Inventions"); any nal agreement for any of said directly or indirectly claiming for patent from which any a ny and all continuation applica ase applications of, regional-pations) (hereinafter "Application Patent (hereinafter "Patents");	discoveries, set forth in said app iding, without limitation, inventior and all existing and future app Inventions (including, without lim- priority to or benefit of any appli pplication for patent for any of tions of, continuation-in-part app hase applications of, renewals ons for Patent"); any and all pate and any and all reissues, reexa	n rights, utility patent rights, lications for patent of any litation, said application for cation for patent for any of said Inventions directly of lications (hereinafter CIPs) of, and substitutes for any onts which may be granted
LUCDED	V			

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.

Rev 8/2018 (HPDC Assignment)

PATENT REEL: 056683 FRAME: 0598