506731794 06/23/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6778611

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIH-HUA CHEN	06/23/2021
CHENG-YI YANG	06/22/2021
HAI-LUNG HUNG	06/23/2021

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:	17356460

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: 281-927-8290

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 80528-9544

ATTORNEY DOCKET NUMBER: 86028772

NAME OF SUBMITTER: PRAKASH NAMA

SIGNATURE: /Prakash NAMA/

DATE SIGNED: 06/23/2021

Total Attachments: 3

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PATENT 506731794 REEL: 056645 FRAME: 0210

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

BECORD ID-	86028772

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, USA (hereinafter "HPDC"),

	lish-language title in parentheses if s	said application for patent is i	n another language):
Title: PIVOTABLE ACOUSTIC D	EVICES		
Filing Date:	Application No.:		Patent Office: US
(as used herein "patent" refers to a utility patent rights, design rights, applications for patent of any coun without limitation, said application benefit of any application for patent for patent for any of said Invention continuation-in-part applications (highwase applications of, renewals of, "Applications for Patent"); any and	y and all inventions, improvements, any form of intellectual property proteind utility model rights) (hereinafter "try or region or under any internation for patent, any and all applications for to any of said inventions, any and sidectly or indirectly claims priority lereinafter "CIPs") of, divisional application and substitutes for any application all patents which may be granted or indirectly claims priority all patents which may be granted or indirectly claims.	ection including, without limita 'Inventions"), any and all exis- nal agreement for any of said- or palent directly or indirectly I all applications for patent fro- or benefit, and any and all co- ications of, national-phase ap- for patent for any of said Inve- n or as a result of said Applic	ation, invention rights, ting and future inventions (including, claiming priority to or im which any application antinuation applications of, iplications of, intions) (hereinafter ations for Patent
	ey my full rights in all countries and n assigned and transferred, and that		
Applications for Patent in its name authorize HPDC, its successors, it	C, its successors, its assigns, its non or in my name in any country or reg s assigns, its nominees, and its lega application for patent, now identified	ion or under any internationa il representatives to insert the	l agreement, and further of filing date, application
whose duty it is to issue patents, to	equest the officials of all countries and issue to HPDC, its successors, or if the with the terms of this assignment.	its assigns, as assignee of m	
all such papers as may be necess- to HPDC, its successors, or its ass- representatives, all known facts re- administrative proceedings and sig- applications, CIPs, and reissue ap- rightful oaths and declarations and and its legal representatives to obt- for said Inventions, Applications fo	igree that I will, each time a request ary or desirable to perfect the title in signs; communicate to HPDC, its sucspecting said Inventions, Application in all lawful papers (including, without plications) relating to said Inventions I generally to do everything possible iain, maintain, and enforce, for its or r Patent, and Patents, provided the did by HPDC, its successors, its assignation or desirable in the said by HPDC, its successors, its assignations.	said Inventions, Applications ccessors, its assigns, its norm is for Patent, and Patents; te- ut limitation, divisional applications for Patent, and to aid HPDC, its successors, their own benefit, proper inte expenses which may be incu-	for Patent, and Patents, inees, or its legal stiffy in any legal or atlons, continuation factors; and make all its assigns, its nominees, illectual property protection and by me in lending such
IN WITNESS WHEREOF, I here	unto set my hand and seal:		
Oid Hua Ch	on.	23/6/2021 Day Month Year	
Chih-Hua Chen			
Inventor's Legal Name	***************************************		

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

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its successors and its assigns, my entire right, title, and interest, including all rights of priority, in, to, and under an

ide: PIVOTABLE ACOUSTIC	DEVICES		
iling Date:	Application)	ło.:	Patent Office: US
the subject matter, including a as used herein "patent" refers to tility patent rights, design rights applications for patent of any control temptation, without limitation, said application enself of any application for patent for any of said Invention antinuation-in-part applications hase applications of, renewalls Applications for Patent"), any a	any and all inventions, improve any form of intellectual propers, and utility model rights) (here untry or region or under any in on for patent, any and all applicant tent for any of said inventions, ons directly or indirectly claims (hereinafter "CIPs") of, division of, and substitutes for any appling all patents which may be di	ments, and discoveries any protection including sinefter "Inventions"); an semational agreement i cations for patent directly any and all applications i priority or benefit, and net applications of, nati- plication for patent for an parted on or as a result	, set forth in said application for patent without limitation, invention rights, ny and all existing and future for any of said inventions (including, ly or indirectly claiming priority to or a for patent from which any application any and all continuation applications of, onst-phase applications of, regional-my of said inventions) (heremafter
I HEREBY represent that I co ntire right, title, and interest he greement in conflict herewith:	ervey my full rights in all count rein assigned and transferred.	nes and regions and un and that I have not exe	der all international agreements to the routed and will not execute any
applications for Patent in its nare without AMPOC. Its successors	ne or in my name in any count : its assigns, its nominees, an	try or region or under ar glits legal representative	legal representatives to file said ny international agreement, and further as to insert the filing date, application ID and title set forth above, when known
AND I HEREBY authorize an whose duty it is to issue patents hterest, said Patents, in accord	s, to issue to HPDC, its succes	sors, or its assigns, as :	under all international agreements assignee of my entire right, title, and
all such papers as may be nece to HPDC, its successors, or its a apresentatives, all known facts administrative proceedings and applications, CIPs, and reissue ightful oaths and declarations; and its legal representatives to or said leventions. Applications	issary or desirable to perfect the assigns, communicate to HPD respecting said Inventions, A sign all lawful papers (includir applications) relating to said it and generally to do everything obtain, maintain, and enforce, for Patent, and Patents, prov	ne lite in said Invention C, its successors, its as opplications for Patent, a org, without limitation, din ventions, Applications pressible to aid HPDC, if for its or their own bene ided the expenses which	without undue datay, execute and deliver a, Applications for Patent, and Patents, usigns, its nominees, or its legal and Patents; testify in any legal or visional applications, continuation for Patent, and Patents; and make all its successors, its assigns, its nominees, sitt, proper intellectual property protection in may be incurred by me in lending such ses, or its legal representatives.
IN WITNESS WHEREOF, II	ereunto set my hand and seal	\$	
Lhayy-Yi Inventor's Signature	<u> </u>	> 3 - J _U Day Mom	11 - >0 > / The Year
Cheng-Yi Yang			

Rev 800000

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

RECORD	m:	86028772

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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, USA (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):					
Title: PIVOTABLE ACOUSTIC DEVICES					
Filing Date:	Application No.:		Patent Office: US		
the subject matter, including any and all inverses used herein "patent" refers to any form of it utility patent rights, design rights, and utility most applications for patent of any country or region without limitation, said application for patent, as benefit of any application for patent for any of sit for any of said Inventions directly or continuation-in-part applications (hereinafter "Cophase applications of, renewals of, and substite "Applications for Patents"); any and all patents we (hereinafter "Patents"); and any and all reissue Patents.	ntellectual property protection odel rights) (hereinafter "Inventor any international a my and all applications for passaid inventions, any and all a indirectly claims priority or b CIPs") of, divisional application for pathich may be granted on or	in including, without li intions"); any and all i igreement for any of salent directly or indire applications for paten enefit, and any and a ons of, national-phase patent for any of said as a result of said Ap	mitation, invention rights, existing and future said Inventions (including, city claiming priority to or it from which any application applications of, applications of, regional-Inventions for Patent		
I HEREBY represent that I convey my full ric entire right, title, and interest herein assigned a agreement in conflict herewith;					
AND I HEREBY authorize HPDC, its success Applications for Patent in its name or in my narauthorize HPDC, its successors, its assigns, its number, and patent office of said application for to them;	me in any country or region of sominees, and its legal reg	or under any internati presentatives to insert	ional agreement, and further t the filing date, application		
AND I HEREBY authorize and request the of whose duty it is to issue patents, to issue to HF interest, said Patents, in accordance with the to	PDC, its successors, or its a	ssigns, as assignee c			
AND I HEREBY covenant and agree that I wall such papers as may be necessary or desirate HPDC, its successors, or its assigns; commerce representatives, all known facts respecting sail administrative proceedings and sign all lawful papplications, CIPs, and reissue applications) reightful oaths and declarations and generally to and its legal representatives to obtain, maintain for said Inventions, Applications for Patent, and cooperation and assistance are paid by HPDC	ible to perfect the title in said unicate to HPDC, its succes d Inventions, Applications fo papers (including, without lin elating to said Inventions, Ap o do everything possible to a n, and enforce, for its or their d Patents, provided the expe	I Inventions, Applicati sors, its assigns, its r r Patent, and Patents nitation, divisional app oplications for Patent, id HPDC, its success r own benefit, proper enses which may be it	ions for Patent, and Patents, nominees, or its legal is testify in any legal or plications, continuation and Patents; and make all sors, its assigns, its nominees, intellectual property protection nourred by me in lending such		
IN WITNESS WHEREOF, I hereunto set my	hand and seal:				
Hui-Lug Hung Inventor's Signatur	<u> </u>	-3 /6/2 ay Month Y	yo yo		
Hai-Lung Hung					
Inventor's Legal Name	******				

Rev 8/2020