506690190 05/30/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL KENNETH ALLEN	04/02/2019

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.		
Street Address:	10300 Energy Drive		
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State/Country:	TEXAS		
Postal Code:	77389		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	17298585		

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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 ipa.mail@hp.com

Correspondent Name: HP INC.

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Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	86014521
NAME OF SUBMITTER:	CARRIE A. MILANO
SIGNATURE:	/Carrie A. Milano/
DATE SIGNED:	05/30/2021

Total Attachments: 1

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PATENT 506690190 REEL: 056428 FRAME: 0137

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

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ASSIGNMENT OF PATENT APPLICATION

 It is undersigned, for good and valuable transfer and hereby assign and transfer to HE having its principal place of business in Spring and interest, including all rights of priority, in, t 	WLETT-PACKARD DEV g, Texas, (bereinaller *H	'ELOPMENT PDC"), ils sc	COMPANY, L.P., a coessors, and its as	Texas Limited Partnership ssigns, my entire right, title,
if said application for palent is in another langu		ann-66 Innen (* 661.06861 I	nt.mnon.com.cno. 6 000.cm	and the second s
FILTERS				
Filing Date: 04 Apr 2019	Application No.:	PCT/US	2019/025824	Patent Office: US
the subject matter, including any and all invent herein "patent" refers to any form of intellectus design rights, and utility model rights) (herei country or region or under any international a patent, any and all applications for patent dire said inventions, any and all applications for indirectly claims priority or benefit, and any an of, divisional applications of, national-phase or application for patent for any of said Inventior on or as a result of said Applications for Paten of said Applications for Patent or said Patents.	il property protection inclination "Inventions"); any greement for any of said citly or indirectly claiming patent from which any id all continuation applica applications of, regional- is) (hereinatier "Application (fleveinatier "Palents")	uding, without and all exit Inventions (priority to capplication failons of, couphase applications for Pate	at limitation, invention sting and future app including, without ling to benefit of any apploor patent for any of attinuation in part app attions of, renewals out"); any and all pat	n rights, utility patent rights, plications for patent of any nitation, said application for lication for patent for any of said inventions directly or plications (heroinafter CIPs) of, and substitutes for any ents which may be granted
HEREBY represent that I convey my figure right, title, and interest herein assigned conflict herewith;				
AND I HEREBY authorize HPDC, its Applications for Patent in its name or in my authorize HPDC, its successors, its assigns number, and patent office of said application them,	name in any country or i, its nominees, and its	r region or i legal repro	inder any internation sentatives to insert	nal agreement, and further the filing date, application
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AND THEREBY covenant and agree that such papers as may be necessary or desiral HPDC, its successors, or its assigns, communal known facts respecting said Inventions. Apand sign all lawful papers (including, without applications) relating to said inventions. Applications) relating to said inventions. Applications) relating to said inventions. Applications, and enforce, for its or their own beneated Patents, provided the expenses which mails successors, its assigns, its nominees, or its	able to perfect the title in sicate to HPDC, its succe uplications for Patent, an at limitation, divisional lications for Patent, and DC, its successors, its ar- efit, proper intellectual proper in the proper intellectual proper intellectual proper in the proper in th	n said Invertissors, its as d Patents; te applications, Patents; en ssigns, its no openty protes	tions, Applications I signs, its nominees, estify in any legal or continuation applic d make all rightful o minees, and its lega stion for said Inventio	for Patent, and Patents, to or its legal representatives, administrative proceedings cations, CIPs, and reissue paths and declarations and al representatives to obtain, ans, Applications for Patent,
IN WITNESS WHEREOF, I heroughto set	my hand and seal:			
Wichael K. / Ile	Annual Control	2	April	2019
Inventor's Signature	<u></u>	Day	Morth	Year
Michael Kenneth ALLEN				

Given (First and Middle) Name(s)

Family Name

Rev 8/2018 (HPDC Assignment)

RECORDED: 05/30/2021