506424381 12/29/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6471147

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GABRIEL SCOTT MCDANIEL	10/29/2018
SEAN DANIEL FITZGERALD	10/29/2018
JEFFREY H. LUKE	10/29/2018

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:	17256671

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.

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ATTORNEY DOCKET NUMBER:	85974767
NAME OF SUBMITTER:	CARRIE A. MILANO
SIGNATURE:	/Carrie A. Milano/
DATE SIGNED:	12/29/2020

Total Attachments: 3

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PATENT 506424381 REEL: 054760 FRAME: 0975

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

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AND A MAY SEE	****	

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 Houston, 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):

parentheses if said application for patent is in another language	inder an applicati):	on for patent enti	tied (English-language title in
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Filing Date: November 2, 2018 Application	No.: PCT/US	52018/058912	Patent Office: US
the subject matter, including any and all inventions, improvemer herein 'patent' refers to any form of intellectual property protections design rights, and utility model rights) (hereinafter 'Inventions country or region or under any international agreement for any patent, any and all applications for patent directly or indirectly or said Inventions, any and all applications for patent from which indirectly claims priority or benefit, and any and all continuation of, divisional applications of, national-phase applications of, reapplication for patent for any of said Inventions) (hereinafter 'A on or as a result of said Applications for Patent (hereinafter 'Prof said Applications for Patents).	ion including, with c); any and all end of said Inventions claiming priority to hany application applications of, or gional-phase applications for Pal	out limitation, invertisting and future (including, without or benefit of any a for patent for any ontinuation-in-partications of, renew lent"); any and all	ntion rights, utility patent rights applications for patent of any it limitation, said application to application for patent for any or of said Inventions directly or applications (hereinafter CIPs als of, and substitutes for any patents which may be granted
I HEREBY represent that I convey my full rights in all co- entire right, title, and interest herein assigned and transferred, a conflict herewith;	untries and regior and that I have not	s and under all in executed and will	iternational agreements to the not execute any agreement in
AND I HEREBY authorize HPDC, its successors, its a Applications for Patent in its name or in my name in any cou- authorize HPDC, its successors, its assigns, its nominees, a number, and patent office of said application for patent, now id- them;	intry or region or and its legal repre	under any interna esentatives to ins	stional agreement, and further
AND I HEREBY authorize and request the officials of all co duty it is to issue patents, to issue to HPDC, its successors, or Patents, in accordance with the terms of this assignment and tra	its assigns, as as	ns and under all in signee of my enti	ternational agreements whose re right, title, and interest, saic
AND I HEREBY covenant and agree that I will, each time a such papers as may be necessary or desirable to perfect the HPDC, its successors, or its assigns; communicate to HPDC, its all known facts respecting said Inventions, Applications for Pater and sign all lawful papers (including, without limitation, divided applications) relating to said Inventions, Applications for Pater generally to do everything possible to aid HPDC, its successors maintain, and enforce, for its or their own benefit, proper intelled and Patents, provided the expenses which may be incurred by its successors, its assigns, its nominees, or its legal representations.	e title in said Investible in said Investible and Patents: sional applications it, and Patents; as its assigns, its retual property prote me in lending such	ntions, Application ssigns, its nomine testify in any legal s, continuation ap nd make all rightf cominees, and its lection for said Inve	ns for Patent, and Patents, to es, or its legal representatives or administrative proceedings optications, CIPs, and reissue of caths and declarations and legal representatives to obtain ontions, Applications for Patent
IN WITNESS WHEREOF, I hereunto set my hand and sea	t _e		
Lall man and the	29	10	2018
Inventor's Signature	Day	Month	Year
Gabriel Scott McDaniel			
Given (First and Middle) Name(s) Family Name			

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

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ASSIGNMENT OF PATENT APPLICATION

transfer and he having its princ title, and intere	reby assign and transfer to HEW ipal place of business in Housti est, including all rights of priorit said application for patent is in ar	/LETT-PACKARD DE on, Texas, (hereinaft y, in, to, and under	VELOPMEN er "HPDC"),	T COMPANY, L.P., a	Texas Limited Partnership
FUSER ROLL	ERS				
Filing Date: _	November 2, 2018	Application No.:	PCT/US	2018/058912	Patent Office: US
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I HEREBY entire right, title conflict herewith	represent that I convey my full, and interest herein assigned and	rights in all countrie nd Iransferred, and th	s and region at I have not	s and under all inter executed and will no	mational agreements to the of the standard and agreement in
Applications for authorize HPD(REBY authorize HPDC, its su Patent in its name or in my no C, its successors, its assigns, i itent office of said application for	ame in any country i its nominees, and its	or region or s legal repre	under any internationsentatives to insert	nal agreement, and further the filing date, application
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IN WITNE:	SS WHEREOF, I hereunto set m	y hand and seal:			
	L		29	10	2018
Inventors Signa	ature	***************************************	Day	Month	Year
Jeffrey H.	Luke				
Given (First and	Middle) Name(s) Family Nam	8			

Rev 5/2018 (HPDC Assignment)

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

RECORD	ID:	85005364

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 Houston, 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 and	other language):			Contraction of the Contraction o
FUSER ROLLERS				
Filing Date: November 2, 2018	Application No.:	PCT/US201	.8/058912	Patent Office: US
the subject matter, including any and all invention herein 'patent' refers to any form of intellectual prodesign rights, and utility model rights) (hereinaff country or region or under any international agree patent, any and all applications for patent directly said Inventions, any and all applications for patent indirectly 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 incl fter "Inventions"); any ement for any of said y or indirectly claiming tent from which any all continuation applica dications of, regional- (hereinafter "Applicat	uding, without lin and all existing Inventions (inclu priority to or be application for pations of, continu phase applications for Patent');	nitation, invention and future applicating, without limit nefit of any applicatent for any of a stion-in-part application, of a control as of, renewals of any and all pate	rights, utility patent rights lications for patent of an itation, said application for cation for patent for any of said Inventions directly of ications (hereinafter CIPs of, and substitutes for an ofts which may be granted
I HEREBY represent that I convey my full rentire right, title, and interest herein assigned and conflict herewith;	rights in all countries d transferred, and tha	and regions and I have not exec	d under all internated and will not	ational agreements to the execute any agreement in
AND I HEREBY authorize HPDC, its suc Applications for Patent in its name or in my nar authorize HPDC, its successors, its assigns, its number, and patent office of said application for them;	me in any country o s nominees, and its	region or unde legal representa	r any internationa atives to insert the	al agreement, and furthe he filing date, application
AND I HEREBY authorize and request the o duty it is to issue patents, to issue to HPDC, its to Patents, in accordance with the terms of this assignment.	successors, or its ass	and regions and igns, as assigne	d under all internation of my entire rig	ational agreements whose this interest, said
AND I HEREBY covenant and agree that I w such papers as may be necessary or desirable HPDC, its successors, or its assigns; communical all known facts respecting said Inventions, Applicand sign all lawful papers (including, without I applications) relating to said Inventions, Applicat generally to do everything possible to aid HPDC, maintain, and enforce, for its or their own benefit, and Patents, provided the expenses which may bits successors, its assigns, its nominees, or its leg	to perfect the title in the to HPDC, its succestations for Patent, an limitation, divisional tions for Patent, and its successors, its ar proper intellectual pripe incurred by me in li-	a said Inventions sors, its assigns of Patents; testify applications, cor Patents; and missigns, its nomine operty protection	s, Applications fo s, its nominees, o r in any legal or a ntinuation applica ake all rightful oa ees, and its legal for said Invention	or Patent, and Patents, to or its legal representatives administrative proceedings ations, CIPs, and reissue aths and declarations and representatives to obtain is. Applications for Patent
IN,WITNESS WHEREOF, I hereunto set my Inventor's Signature	hand and seal:	Day 38-	Act Act	

Rev 5/2018 (HPDC Assignment)

Sean Daniel

PATENT REEL: 054760 FRAME: 0978

Given (First and Middle) Name(s)

RECORDED: 12/29/2020

FitzGerald

Family Name