## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GABRIEL S MCDANIEL	09/23/2020
SCOTT K. HYMAS	09/23/2020
JEFFREY H. LUKE	09/23/2020

### **RECEIVING PARTY DATA**

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Street Address:	10300 ENERGY DR
City:	SPRING
State/Country:	TEXAS
Postal Code:	77389

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	18023371	

### CORRESPONDENCE DATA

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Correspondent Name: LAW OFFICES OF MICHAEL DRYJA/HP INC.

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ATTORNEY DOCKET NUMBER:	86230682
NAME OF SUBMITTER:	MICHAEL DRYJA
SIGNATURE:	/Michael Dryja/
DATE SIGNED:	02/26/2023

**Total Attachments: 3** source=382asgn#page1.tif source=382asgn#page2.tif

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PATENT 507768550 REEL: 062804 FRAME: 0449

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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 DEVELO business in Spring, Texas, USA (h	PMENT COMPANY L.P. a Tex ereinafter "HPDC"),	xas Limited Partnershi	p, having its principal place	of.
its successors, and its assigns, application for patent entitled (Eng	ny entire right, title, and interes lish-language title in parenthes	st, including all rights of es if said application for	of priority, in, to, and under a or patent is in another langu	an Jage):
Title: PRINTING DEVICE ENTRY	INTO REDUCED PRINT MAT	ERIAL USAGE MOD	E	
Filing Date:	Application No.:		Patent Off	ice: US
the subject matter, including any (as used herein "patent" refers to a utility patent rights, design rights, a applications for patent of any count without limitation, said application for patent for patent for any application for patent for any of said Inventions continuation-in-part applications (he phase applications of, renewals of, "Applications for Patent"); any and (hereinafter "Patents"); and any and Patents.	nd utility model rights) (hereina iry or region or under any interr or patent, any and all application of for any of said inventions, any states of call the common of sereinafter "CIPs") of, divisional and substitutes for any applica	protection including, value "inventions"); any national agreement for one for patent directly a and all applications for orthy or benefit, and ar applications of, nation atlon for patent for any	without limitation, invention in and all existing and future any of said Inventions (inclion or indirectly claiming priority or patent from which any ap ity and all continuation applit al-phase applications of, re- of said Inventions) (hereins	rights, luding, / to or oplication cations of, gional- after
I HEREBY represent that I conve entire right, title, and interest herein agreement in conflict herewith;	ly my full rights in all countries assigned and transferred, and	and regions and unde I that I have not execu	r all international agreemen ted and will not execute an	its to the
AND I HEREBY authorize HPDC Applications for Patent in its name of authorize HPDC, its successors, its number, and patent office of said ap to them;	assigns its naminage and its	r region or under any i	nternational agreement, an	d further
AND I HEREBY authorize and re whose duty it is to issue patents, to interest, said Patents, in accordance			der all international agreem ignee of my entire right, title	ents e, and
AND I HEREBY covenant and ag all such papers as may be necessar to HPDC, its successors, or its assignerer expresentatives, all known facts respectively administrative proceedings and signal applications, CIPs, and reissue applications, CIPs, and reissue applications and gand its legal representatives to obtator said Inventions, Applications for cooperation and assistance are paid	gns: communicate to HPDC, its pecting said Inventions. Applicating said Inventions. Applicating the said Inventications) relating to said Inventications) relating to said Inventigenerally to do everything possin, maintain, and enforce, for its Patents, provided to HPDC, its successors, its a	is an said inventions, As successors, its assignations for Patent, and in ithout limitation, divisions, Applications for hible to aid HPDC, its so or their own benefit,	opplications for Patent, and ns, its nominees, or its legal Patents; testify in any legal onal applications, continuation Patent, and Patents; and mauccessors, its assigns, its reporty	Patents, Il or on ake all nominees, protection
IN WITNESS WHEREOF, I hereu	nto set my hand and seal:			
S. 10an				
Inventor's Signature	- Campbelling	23 09 Day Month	<u> </u>	
Gabriel Scott McDaniel				
Inventor's Legal Name	A STATE OF THE PARTY OF THE PAR			

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RECORD ID: 85918872	
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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 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.

***************************************	Application No.:	Patent Office: US
the subject matter, including ar as used herein "patent" refers to utility patent rights, design rights, applications for patent of any cou- without limitation, said application penefit of any application for pate or patent for any of said invention continuation-in-part applications ( phase applications of, renewals of Applications for Patent"); any and	ny and all inventions, improvements, and discoveries any form of intellectual property protection including any form of intellectual property protection including and utility model rights) (hereinafter "Inventions"); a nutive or region or under any international agreement for patent, any and all applications for patent directly for any of said Inventions, any and all applications of the directly or indirectly claims priority or benefit, and hereinafter "CIPs") of, divisional applications of, nearly and substitutes for any application for patent for a final patents which may be granted on or as a result all patents which may be granted on or as a result all reissues, reexaminations, and extensions of the same process.	es, set forth in said application for patent ig, without limitation, invention rights, any and all existing and future it for any of said Inventions (including, othy or indirectly claiming priority to or a for patent from which any application d any and all continuation applications of, tional-phase applications of, regional- any of said Inventions) (hereinafter
I HEREBY represent that I com intire right, title, and interest here igreement in conflict herewith;	rey my full rights in all countries and regions and ur in assigned and transferred, and that I have not exi	nder all international agreements to the ecuted and will not execute any
uthorize HPDC, its successors it	C, its successors, its assigns, its nominees, and its or in my name in any country or region or under a sassigns, its nominees, and its legal representative application for patent, now identified by the Record	ny international agreement, and further
	equest the officials of all countries and regions and o issue to HPDC, its successors, or its assigns, as ce with the terms of this assignment and transfer:	f under all international agreements assignee of my entire right, title, and
AND I HEREBY covenant and a il such papers as may be necessor the HPDC, its successors, or its ass presentatives, all known facis re- dministrative proceedings and sig- polications, CIPs, and reissue ap- philips on the and declarations and no its legal representatives to obtain said inventions. Applications for	igree that I will, each time a request is made, and wary or desirable to perfect the title in said Inventionaligns; communicate to HPDC, its successors, its asspecting said Inventions, Applications for Patent, as in all lawful papers (including, without limitation, diviplications) relating to said Inventions, Applications if generally to do everything possible to aid HPDC, it ain, maintain, and enforce, for its or their own bener Patent, and Patents, provided the expenses which id by HPDC, its successors, its assigns, its nomine	s. Applications for Patent, and Patents, signs, 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, affit, proper intellectual property protection.
IN WITNESS WHEREOF, I here		

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

RECORD	ID:_	85918872
RATH CANADA	(65.)	

### 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 Texa business in Spring, Texas, USA (hereinafter "HPDC"),	s Limited P	artnership, ha	ving its principa	I place of
its successors, and its assigns, my entire right, title, and interest, application for patent entitled (English-language title in parentheses	including a if said app	ill rights of pric	ority, in, to, and tent is in anothe	under an r language):
Title: PRINTING DEVICE ENTRY INTO REDUCED PRINT MATE	RIAL USA	GE MODE		
Filing Date: Application No.:		**********************	Pat	ent Office: US
the subject matter, including any and all inventions, improvement (as used herein "patent" refers to any form of intellectual property putility patent rights, design rights, and utility model rights) (hereinaft applications for patent of any country or region or under any international without limitation, said application for patent, any and all application benefit of any application for patent for any of said Inventions directly or indirectly claims prior continuation-in-part applications (hereinafter "CIPs") of, divisional applications for Patent"); any and all patents which may be granted (hereinafter "Patents"); and any and all reissues, reexaminations, at Patents.	otection in er "inventio tional agre- s for paten ind all appl ity or bene- oplications on for patel I on or as a	cluding, withons"); any and ament for any tripectly or incidential of the classifications for pastific, and any anof, national-phot for any of several of said result of said	orth in said appli ut limitation, inv all existing and directly claiming tent from which d all continuation hase application aid Inventions) ( Applications fo	cation for patent ention rights, future ns (including, priority to or any application on applications of, s of, regional- hereinafter r Patent
I HEREBY represent that I convey my full rights in all countries as entire right, title, and interest herein assigned and transferred, and tagreement in conflict herewith;				
AND I HEREBY authorize HPDC, its successors, its assigns, its applications for Patent in its name or in my name in any country or authorize HPDC, its successors, its assigns, its nominees, and its lenumber, and patent office of said application for patent, now identifit to them;	region or ui gal repres	nder any inter entatives to in	national agreen sert the filing da	ent, and further te, application
AND I HEREBY authorize and request the officials of all countries whose duty it is to issue patents, to issue to HPDC, its successors, interest, said Patents, in accordance with the terms of this assignment.	or its assig	ns, as assigne		
AND I HEREBY covenant and agree that I will, each time a reque all such papers as may be necessary or desirable to perfect the title to HPDC, its successors, or its assigns; communicate to HPDC, its representatives, all known facts respecting said Inventions, Applicat administrative proceedings and sign all lawful papers (including, wit applications, CIPs, and reissue applications) relating to said Inventing inghtful oaths and declarations and generally to do everything possil and its legal representatives to obtain, maintain, and enforce, for its for said Inventions, Applications for Patent, and Patents, provided the cooperation and assistance are paid by HPDC, its successors, its a	in said Inv successors ions for Pa nout limitations, Applica ole to aid H or their ow se expense	entions, Appli , its assigns, i tent, and Pate ion, divisional ations for Pate PDC, its succ n benefit, prop s which may t	cations for Pate ts nominees, or ints; testify in ar applications, co ent, and Patents essors, its assig- per intellectual p e incurred by n	nt, and Patents, its legal ny legal or intinuation and make all ins, its nominees, property protection he in lending such
IN WITNESS WHEREOF, I hereunto set my hand and seaf:				
		. ·		
Inventors Signature	2 S Day	Nonth Month	2020 Year	
Jeffrey H. Luke				
Inventor's Legal Name				

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