507850756 04/12/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT7897892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASAF SHOSHANI	10/12/2020
LAVI COHEN	10/12/2020
YANIV YONA	10/12/2020

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:	18248811	

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.

Email: admin@jordaniplaw.com, ebeasterfield@jordaniplaw.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	86241662
NAME OF SUBMITTER:	DIALLO T. CRENSHAW
SIGNATURE:	/ Diallo T. Crenshaw /
DATE SIGNED:	04/12/2023

Total Attachments: 3

source=85899050_Assignment-Inventors-to-HPDC-signed#page1.tif source=85899050_Assignment-Inventors-to-HPDC-signed#page2.tif source=85899050_Assignment-Inventors-to-HPDC-signed#page3.tif

PATENT 507850756 REEL: 063305 FRAME: 0028

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

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"),

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: DETERMINING THE EXISTENCE OF DEFECTS IN PRINT AN	PARATI	JSES				
Filing Date: October 13, 2020 Application No.: J	CT/US	S2020/055	364	Patent Office: US :		
the subject matter, including any and all inventions, improvements, (as used herein "patent" refers to any form of intellectual property propatent rights, design rights, and utility model rights) (hereinafter "Inverpatent of any country or region or under any international agreement said application for patent, any and all applications for patent directly application for patent for any of said Inventions, any and all application any of said Inventions directly or indirectly claims priority or benefit, at in-part applications (hereinafter "CIPs") of, divisional applications of, rapplications of, renewals of, and substitutes for any application for patent Patent"); any and all patents which may be granted on or as a result and any and all reissues, reexaminations, and extensions of said App	tection indications"); a for any of or indirect ns for pate and any an lational-platent for ar alt of said	cluding, withous and all exi- said Invention and Invention of the claiming present from which all continual mase applications of said Inventions of the claim of th	ut limitation, sting and furns (including iority to or be any application applications of, region Patent (her for Patent (her	invention rights, utility ture applications for p, without limitation, enefit of any ation for patent for cions of, continuation- onal-phase einafter "Applications tereinafter "Patents"):		
I HEREBY represent that I convey my full rights in all countries and entire right, title, and interest herein assigned and transferred, and the agreement in conflict herewith;	regions a it I have r	and under all i not executed a	international and will not e	agreements to the execute any		
AND I HEREBY authorize HPDC, its successors, its assigns, its no Applications for Patent in its name or in my name in any country or reauthorize HPDC, its successors, its assigns, its nominees, and its legnumber, and patent office of said application for patent, now identified to them;	gion or ur al represe	ider any interr entatives to ins	national agre sert the filing	eement, and further date, application		
AND I HEREBY authorize and request the officials of all countries a whose duty it is to issue patents, to issue to HPDC, its successors, or interest, said Patents, in accordance with the terms of this assignment	its assign	is, as assigne	all internatio e of my enti	nal agreements re right, title, and		
AND I HEREBY covenant and agree that I will, each time a request all such papers as may be necessary or desirable to perfect the title in HPDC, its successors, or its assigns; communicate to HPDC, its successors, or its assigns; communicate to HPDC, its successors all known facts respecting said Inventions, Application administrative proceedings and sign all lawful papers (including, without applications, CIPs, and reissue applications) relating to said Invention rightful oaths and declarations and generally to do everything possible and its legal representatives to obtain, maintain, and enforce, for its or for said Inventions, Applications for Patent, and Patents, provided the cooperation and assistance are paid by HPDC, its successors, its assistance.	essors, its ns for Pat out limitati s, Applica e to aid HI r their own expenses	entions, Applies assigns, its intent, and Pate on, divisional ations for Pate PDC, its succent benefit, props which may be	cations for F nominees, c ints; testify in applications ent, and Pate essors, its a per intellectu- pe incurred b	Patent, and Patents, to or its legal on any legal or s, continuation ents; and make all ssigns, its nominees, all property protection by me in lending such		
IN WITNESS WHEREOF, I hereunto set my hand and seal:						
	43					
Inventor's Signature	12 Day	<u>イ</u> り Month	_9070			
Asaf Shoshani						
Inventor's Legal Name						

Rev 5/2020

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

RECORD ID:	85899050
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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, 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: DETERMINING THE EXISTENCE OF DEFECTS IN PRINT APPARATUSES

Filing Date:	October 13, 2020	Application No :	PCT/US2020/055364	Detect Office UP
	October 13, 2020	Application No.	FC1/032020/033304	Patent Office: US

the subject matter, including any and all inventions, improvements, and discoveries, set forth in said application for patent (as used herein "patent" refers to any form of intellectual property protection including, without limitation, invention rights, utility patent rights, design rights, and utility model rights) (hereinafter "Inventions"); any and all existing and future applications for patent of any country or region or under any international agreement for any of said Inventions (including, without limitation, said application for patent, any and all applications for patent directly or indirectly claiming priority to or benefit of any application for patent for any of said Inventions, any and all applications for patent from which any applications of, continuation-in-part applications (hereinafter "CIPs") of, divisional applications of, national-phase applications of, regional-phase applications of, renewals of, and substitutes for any application for patent for any of said Inventions) (hereinafter "Applications for Patent"); any and all patents which may be granted on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions of said Applications for Patent or said Patents.

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, 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.

IN WITNESS WHEREOF, I hereunto set my hand and seal:

12 - OCTOBER - 2020

Day Month Year

Lavi Cohen

Inventor's Legal Name

Rev 8/2020

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

RECORD ID:	85899050
INDUCTION ID	

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"),

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

application fo	or patent entitled (English-langu	age title in parenthese:	s if said application for patent is in	another language):
Title: DETE	RMINING THE EXISTENCE OF	F DEFECTS IN PRINT	APPARATUSES	
Filing Date:	October 13, 2020	Application No.:	PCT/US2020/055364	Patent Office: US
			its, and discoveries, set forth in sa protection including, without limital	
patent rights,	, design rights, and utility model	l rights) (hereinafter "In	ventions"); any and all existing an nt for any of said Inventions (inclu	d future applications for
said applicat	ion for patent, any and all applic	cations for patent direc	tly or indirectly claiming priority to	or benefit of any
	•		itions for patent from which any a , and any and all continuation app	

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;

applications of, renewals of, and substitutes for any application for patent for any of said Inventions) (hereinafter "Applications for Patent"); any and all patents which may be granted on or as a result of said Applications for Patent (hereinafter "Patents");

in-part applications (hereinafter "CIPs") of, divisional applications of, national-phase applications of, regional-phase

and any and all reissues, reexaminations, and extensions of said Applications for Patent or said Patents.

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.

IN WITNESS WHEREOF, I hereunto set my hand and seal:

12	<i>(</i>),	2020
Day	Month	Year
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Rev 8/2020