PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7215799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EVGENY GORBIKOV	10/24/2019
MICHAL SHAVIV PETRUSHEVSKY	10/30/2019
MARTIN CHAUVIN	10/29/2019
RON NAVEH	10/27/2019

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:	17634154

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: (541)360-4450 Email: ipa.mail@hp.com

Correspondent Name: HP INC.

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

ATTORNEY DOCKET NUMBER:	86117366
NAME OF SUBMITTER:	HEATHER MULKEY
SIGNATURE:	/Heather Mulkey/
DATE SIGNED:	03/09/2022

Total Attachments: 4

source=Combined signed assignment#page1.tif source=Combined signed assignment#page2.tif source=Combined signed assignment#page3.tif

> **PATENT** REEL: 059212 FRAME: 0818 507168953

source=Combined signed assignment#page4.tif

PATENT REEL: 059212 FRAME: 0819

НР	Inc.	
339	Inc. 30 E. Harmony Roa	d
Mai	il Stop 35	
For	t Collins, Colorado	80528

PATENT	1000	800 K	*****

RECORD	ID:	85793261

ASSIGNMENT OF PATENT APPLICATION

having its prince and interest, inc	reby assign and tra ipal place of busine	nd valuable consideration, the isfer to HEWLETT-PACKARD as in Spring, Texas, (hereinafte priority, in, to, and under an appropriate other language):	DEVELOPMEN' it "HPDC"), its s	T COMPANY, L.P Occessors, and it	., a Texas Limited Partnership
OFFSET PRI	NT APPARATUS A	IND METHODS			
Filing Date:	31 Oct 2019	Application No	x: PCT/US2	019/059139	Patent Office: US
herein "patent" design rights, a country or region patent, any and said Inventions indirectly claims of, divisional application for an or as a result	refers to any form o and utility model rig on or under any inte I all applications for , any and all applic s priority or benefit, aplications of, nation patent for any of sai	intellectual property protection hts) (hereinafter "Inventions"); mational agreement for any of patent directly or indirectly clai ations for patent from which a and any and all continuation ag nat-phase applications of, regic d Inventions) (hereinafter "App s for Patent (hereinafter "Paten	including, withor any and all ex- said Inventions ming priority to arry application splications of, co- prial-phase appli- lications for Pati-	out limitation, invertisting and future (including, without or benefit of any after for patent for any intinuation-in-part cations of, renew ent?); any and all	application for patent (as used nition rights, utility patent rights, applications for patent of any t limitation, said application for application for patent for any of of said Inventions directly or applications (hereinafter CIPs) als of, and substitutes for any patents which may be granted xaminations, and extensions of
I HEREBY entire right, title conflict herewith	, and interest hereir	nvey my full rights in all count assigned and transferred, and	tries and region: I that I have not	s and under all in executed and will	nternational agreements to the not execute any agreement in
Applications for authorize HPD(r Patent in its name C, its successors, its	PDC, its successors, its ass or in my name in any count assigns, its nominees, and its l for patent, now identified by th	ry or region or l legal representa	under any internatives to insert the	ational agreement, and further filing date, application number
duty it is to issi	ie patents, to issue	request the officials of all cour to HPDC, its successors, or its ns of this assignment and trans	assigns, as as	s and under all in signee of my enti	nternational agreements whose re right, title, and interest, said
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 WITNE	SS WHEREOF, The	reunto set my hand and seal:			
	And the state of t	and interest	24	10	2019
Inventor's Signa	ature		Dаy	Month	Year
Evgeny Given (First and	Middle) Name(s)	Gorbikov Family Name	****		

Rev 8/2018 (HPDC Assignment)

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

RECORD ID:

85793261

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, (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):

OFFSET PRINT APPARATUS AND METHODS

Filing Date: 31 Oct 2019

Application No.:

PCT/US2019/059139

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 application for patent for any of said inventions.

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 application for patent for any of said Inventions directly or indirectly claims priority or benefit, and any and all continuation 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, 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:

Michal

Inventor's Signature

Shaviv Petrushevsky

Given (First and Middle) Name(s)

Family Name

Rev 8/2018 (HPDC Assignment)

30 October 2019

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

said Applications for Patent or said Patents.

PATENT APPLICATION

RECORD	ID:	85793261

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, (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):

	,	99-7.		
OFFSET PRI	INT APPARATUS AND	METHODS		
Filing Date:	31 Oct 2019	Application No.:	PCT/US2019/059139	Patent Office: US
herein "patent" design rights, country or regi patent, any an said Inventions indirectly claim of, divisional a	' refers to any form of inte and utility model rights) ion or under any internati d all applications for pate s, any and all application as priority or benefit, and applications of, national-p	ellectual property protection in (hereinafter "Inventions"); ar onal agreement for any of sal ent directly or indirectly claimir ans for patent from which any any and all continuation applications of, regiona	cluding, without limitation, inverse and all existing and future of Inventions (including, without property to or benefit of any application for patent for an eations of, continuation-In-par I-phase applications of, reneverse.	d application for patent (as used ention rights, utility patent rights, applications for patent of any ut limitation, said application for application for patent for any of of said Inventions directly or t applications (hereinafter CIPs) wals of, and substitutes for any I patents which may be granted

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:

on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions of

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 fawful 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 caths 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.

Rev 8/2018 (HPDC Assignment)

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

PATENT APPLICATION

85793261 RECORD ID:

ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and iip le,

having its prin and interest, i	ncipal place of busin	ess in Spring, Tex priority, in, to, and	kas, (hereinafter "H d under an applica	(PDC"), its s	uccessors, and it	P., a Texas Limited Partnersh is assigns, my entire right, titl h-language title in parentheso
OFFSET PR	INT APPARATUS	AND METHODS	;			
Filing Date:	31 Oct 2019	А	pplication No.:	PCT/US2	019/059139	Patent Office: US
herein "patent design rights, country or reg patent, any as aid Inventior indirectly clair of, divisional application for on or as a res	" refers to any form and utility model r gion or under any int nd all applications fo ns, any and all appl ms priority or benefit applications of, nation r patent for any of s	of intellectual propights) (hereinafter ernational agreem or patent directly o iications for paten, and any and all conal-phase applicated inventions) (here for Patent (here ns for Patent (here	perty protection inc "Inventions"); any nent for any of said i indirectly claimin- t from which any continuation applications of, regional- perinafter "Applications applications of, regional-	tuding, without and all extended in all extend	out limitation, inve- isting and future (including, withouthous benefit of any for patent for any intinuation-in-part cations of, renew ent"); any and all	application for patent (as us ntion rights, utility patent righ applications for patent of a at limitation, said application application for patent for any of said Inventions directly applications (hereinafter CIF vals of, and substitutes for a patents which may be grant xaminations, and extensions
I HEREB entire right, tit conflict herew	le, and interest here	convey my full right in assigned and tr	nts in all countries ansferred, and tha	and region t I have not	s and under all in executed and wil	nternational agreements to t I not execute any agreement
Applications for authorize HPE	or Patent in its nan DC, its successors, it	ne or in my name is assigns, its nom	in any country o iinees, and its lega	r region or i Frepresenta	under any interna tives to insert the	al representatives to file sa ational agreement, and furth filing date, application number ove, when known to them;
duty it is to is:	EREBY authorize an sue patents, to issue cordance with the te	e to HPDC, its suc	ccessors, or its as:	s and region signs, as as	s and under all ir signee of my enti	nternational agreements whose re right, title, and interest, sa
such papers a its successors known facts re sign all lawful relating to said everything pos enforce, for its provided the	is may be necessary s, or its assigns; co secting said Inven papers (including, w d Inventions, Applica ssible to aid HPDC, s or their own benefi	or desirable to per mmunicate to HPI tions, Applications ithout limitation, di ations for Patent, its successors, its t, proper intellectual ay be incurred b	rfect the title in sai DC, its successors s for Patent, and P visional application and Patents; and is s assigns, its nom al property protect y me in lending	d Inventions its assign: atents; testif is, continuat make all righ inees, and it ion for said I	, Applications for s, its nominees, y in any legal or a ion applications, ntful oaths and do s legal represent nventions, Applic	e delay, execute and deliver Patent, and Patents, to HPD or its legal representatives, administrative proceedings at CIPs, and reissue application ectarations and generally to atives to obtain, maintain, ar ations for Patent, and Patent tance are paid by HPDC, i
IN WITN	ESS WHEREOF, I I	ereunto set my ha	and and seal:			
Inventor's Sign	nature			O 7	<u>《</u> Month	
Ron	d Middle) Name(s)	Naveh Family Name		~ ~ ,	(See 1971)	1 0001
•	. ,	* ***				

Rev 8/2018 (HPDC Assignment)

PATENT REEL: 059212 FRAME: 0823

RECORDED: 03/09/2022