506385055 12/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6431811

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYE HEON JUNG	11/02/2018
KYONGHWAN KIM	11/02/2018
CHANGYEOP OH	11/02/2018
KWANGSUNG PARK	11/05/2018
EUN-KYUNG YUN	11/02/2018

RECEIVING PARTY DATA

Name:	HP Printing Korea Co., Ltd.
Street Address:	129, Samsung-ro, Yeongtong-guSuwon-si Gyeonggi-do
Internal Address:	
City:	Suwon-si Gyeonggi-do
State/Country:	Korea
Postal Code:	443-742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16972061

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)715-8443 **Email:** ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35
Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85962826
NAME OF SUBMITTER:	ALISSA A JUNGE
SIGNATURE:	/Alissa A Junge/
DATE SIGNED:	12/04/2020

PATENT 506385055 REEL: 054587 FRAME: 0430

Total Attachments: 5

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PATENT REEL: 054587 FRAME: 0431

PATENT APPLICATION

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

Rev 8/2018 (HPPK Assignment)

RECORD ID: 85005	387
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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 HP PRINTING KOREA CO., LTD., having a principal business address of 129,

title, and inter	est, including a	Il rights of priorit				assigns, my entire right, English-language title in
ICONOGRAI	HIC CONTRO	L PANEL OF AN	I IMAGE FORMING	APPARATUS	i	
Filing Date:	November 6	, 2018	Application No.:	PCT/US20)18/059409	Patent Office: US
herein inpatent design rights, country or reg patent, any ar said Invention indirectly claim of, divisional application for on or as a res	" refers to any for and utility mod- ion or under any id all application is, any and all a ns priority or ber applications of, if patent for any if	rm of intellectual el rights) (hereins rinternational agris for patent direct applications for prefit, and any and rational-phase apof said Inventions for Patent cations for Patent cations for Patent	properly protection inc after "Inventions"); an eament for any of said by or indirectly claimin attent from which any all continuation applic plications of, regional (hereinafter "Applica"	luding, withou y and all exis d Inventions (in g priority to or application fo ations of, cont phase applica- tions for Pater	I limitation, invention in ting and future applic neluding, without limit benefit of any applic invation-in-part applic stions of, renewals of it'); any and all paten	cation for patent (as used ights, utility patent rights, sations for patent of any ation, said application for ation for patent for any of aid inventions directly or ations (hereinafter CIPs), and substitutes for any ts which may be granted intalions, and extensions
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Applications for authorize HPF	or Patent in its K, its successor	name or in my n s, its assigns, its i	ame in any country c	r region or ur I representativ	ider any international es to insert the filing of	resentatives to file said agreement, and further late, application number, nen known to them;
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such papers of HPPK, its such all known facts and sign all it applications) of generally to do maintain, and and Patents, p	as may be nece cessors, or its as a respecting sak awful papers (i elating to said to everything pos enforce, for its o movided the exp	ssary or desirablesigns; communications, Applincluding, without niventions, Applications, Applications, Applications and HPPk retheir own benefitenses which may	e to perfect the title ate to HPPK, its succe ications for Patent, ar limitation, divisional ations for Patent, and t, its successors, its a t, proper intellectual pr	in said Inventing ssors, its assignt Patents; tes applications, Patents; and ssigns, its non operty protecti	ons, Applications for gns, its nominees, or tify in any legal or ad continuation applicati make all rightful oat ninees, and its legal no on for said Inventions	y, execute and deliver all Patent, and Patents, to its legal representatives, ministrative proceedings ons, CIPs, and reissue he and declarations and apresentatives to obtain, Applications for Patent, ance are paid by HPPK,
IN WITN	ESS WHEREOF	, I hereunto set m	y hand and seal:			
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nventor's Signa	ture			Day	Month	Year
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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 HP PRINTING KOREA CO., LTD., having a principal business address of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, (hereinafter "HPPK"), 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):

ICONOGRAPHIC CONTROL PANEL OF AN IMAGE FORMING APPARATUS

Filing Date:	November 6, 2018	Application No.:	PCT/US2018/059409	Patent Office: US
herein 'paten design rights country or re- paters, any a said Inventior indirectly clai- or, divisional application to on or as a re-	if refers to any form of inte, and utility model rights) gion or under any internation nd all applications for pate its, any and all application its priority or benefit, and a applications of national-pit it patent for any of said in-	flectual property protection in (hereinafter "inventions"); ar- onal agreement for any of sa- nt directly or indirectly claiming is for patent from which any any and all continuation appli- hase applications of regional rentions) (hereinafter "Applications)	cluding, without limitation by and all existing and fi id Inventions (including, y ng pricrity to or benefit of application for patent for cations of, continuation-ir il-phase applications of, il ations for Patent"); any ar	is said application for patent (as used invention rights, utility patent rights, itum applications for patent of any rithout limitation, said application for any application for patent for any of any of said Inventions directly or e-part applications (nersinafter CIPs) enewals of, and substitutes for any id all patents which may be granted tes, reexaminations, and extensions
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I HEPEBY 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 HPPK, 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 HPPK, 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 ell countries and regions and under all international agreements whose duty it is to issue patents, to issue to HPPK, its successors, or its assigns, as assigned of my entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer.

ANCITHEREBY coverant 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 HPPK, its successors, or its assigns, communicate to HPPK, 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 HPPK, its successors, its assigns, its nominees, and its legal representatives to obtain maintain, and enforce for its or their own benefit, proper infellectual 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 HPPK its successors, its assigns, its nominees, or its legal representatives.

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

-1/04	2 November	20/8
inventor's Signature	Day Month	Year
KyongHwan KIM		
Given (First and Middle) Name(s) Family Name		

they 80000 (HPPN Assignment)

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

of said Applications for Patent or said Patents.

PATENT APPLICATION

RECORD ID: 85005587

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 HP PRINTING KOREA CO., LTD., having a principal business address of 129, Semsung-ro, Yeongtong-gu, Suwon-el, Gyeonggi-do, Korea, (horeinefter "HPPK"), 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):

ICONOGRAPHIC CONTROL PANEL OF AN IMAGE FORMING APPARATUS

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 or said inventions, any and all applications for patent from which any application for patent for any of said inventions directly or	Filing Date:	November 6,	2018 Applica	ation No.: PCT	/US2018/059409	Patent Office: US;
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 applications for patent for any of said Inventional (hereinafter "Applications for Patent"); any and all patents which may be granted	herein "pater design rights country or re patent, any a said Inventio indirectly clair of, divisional	if refers to any form, and utility model gion or under any in and all applications and all applications priority or bene applications of, as	n of intellectual property p i rights) (hereinafter "linve international agreement fo for patent directly or indir- plications for patent from filt, and any and all contin- ational-phase applications	rotection including, intions"); any and ir any of said Inver- ectly claiming prior i which any applic uation applications of, regional-phase	without limitation, inve- all existing and future ations (including, without ity to or benefit of any a ation for patent for any of, continuation-in-part applications of, renew	ntion rights, utility patent rights, applications for patent of any at limitation, said application for application for patent for any of y of said Inventions directly or applications (hereinafter CIPs) rals of, and substitutes for any

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

AND I HEREBY authorize HPPK, 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 HPPK, 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 HPPK, 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 undus 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 HPPK, its successors, or its assigns; communicate to HPPK, 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 paths and declarations and generally to do everything possible to aid HPPK, 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 HPPK, its successors, its assigns, its nominees, or its legal representatives.

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

Family Name

Inventor's Signature Month ChangYeop OH

Rev 8/2018 (HPPK Assignment)

Given (First and Middle) Name(s)

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

	RECORD	ID:	85005587
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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 HP PRINTING KOREA CO., LTD., having a principal business address of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, (hereinafter "HPPK"), 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):

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Filing Date:	November 6, 2018	_ Application No.:	PCT/US2018/059409	Patent Office: US

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

park kus	5	Nov	2018
Inventor's Signature	Day	Month	Year
KwangSung PARK		•	
Given (First and Middle) Name(s) Family Name			

Rev 8/2018 (HPPK Assignment)

PATENT APPLICATION

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

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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable transfer and hereby assign and transfer to his Samsung-ro, Yeongtong-gu, Suwon-si, Gyeong title, and interest, including all rights of priori parentheses if said application for patent is in a	IP PRINTING KORE, pgi-do, Korea, (hereina ty, in, to, and under	A CO., LTD., haster "HPPK"), its	aving a principal b successors, and il	usiness address of 129, s assigns, my entire right,
ICONOGRAPHIC CONTROL PANEL OF A	N IMAGE FORMING	APPARATUS		
Filing Date: November 6, 2018	Application No.:	PCT/US201	8/059409	Patent Office: US
the subject matter, including any and all inventifierein "patent" refers to any form of intellectual design rights, and utility model rights) (herein country or region or under any international agpatent, any and all applications for patent direct said Inventions, any and all applications for pindirectly claims priority or benefit, and any and 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 Patents.	property protection in parter "Inventions"); as reement for any of sa- city or indirectly claim; astent from which any at all continuation appli- polications of, regions b) (hereinafter "Applica	cluding, without ny and all existi id Inventions (in ng priority to or ly application for cations of, conti- it-phase applicat ations for Patent	limitation, invention ing and future applicuding, without limited benefit of any applicuding patent for any of nuation-in-part applicions of, renewals of "); any and all pate	rights, utility patent rights ications for patent of an itation, said application for cation for patent for any o cation for patent for any o ications (hereinafter CIPs of, and substitutes for any nts which may be granted
I HEREBY represent that I convey my ful entire right, title, and interest herein assigned a conflict herewith;				
AND I HEREBY authorize HPPK, its si Applications for Patent in its name or in my in authorize HPPK, its successors, its assigns, its and patent office of said application for patent,	name in any country nominees, and its leg	or region or und al representative	der any internation is to insert the filing	al agreement, and furthe date, application number
AND I HEREBY authorize and request the duty it is to issue patents, to issue to HPPK, it Patents, in accordance with the terms of this as	s successors, or its a	ssigns, as assigi		
AND I HEREBY covenant and agree that I such papers as may be necessary or desirable HPPK, its successors, or its assigns; communities all known facts respecting said Inventions. Applied and sign all lawful papers (including, without applications) relating to said Inventions, Applied generally to do everything possible to aid HPP maintain, and enforce, for its or their own beneficially provided the expenses which may its successors, its assigns, its nominees, or its I	to perfect the title cate to HPPK, its succeptions for Patent, at limitation, divisional cations for Patent, an K, its successors, its a proper intellectual probe incurred by me in	in said Inventicessors, its assignd Patents; test applications, of Patents; and assigns, its nomoroperty protectic	ons, Applications for ins, its nominees, or ify in any legal or a continuation applica make all rightful or inees, and its legal on for said Invention	r Patent, and Patents, to r its legal representatives dministrative proceedings tions, CIPs, and reissue ths and declarations and representatives to obtain is, Applications for Patent
IN WITNESS WHEREOF, I hereunto set n	ny hand and seal:			
A.		~~ ` }~	Novemb	er 5612
Inventor's Signature		Day	Month	Year
Eun-Kyung YUN			e torrette e	1 777
Given (First and Middle) Name(s) Family Name	***************************************			

Rev 8/2018 (HPPK Assignment)