PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6740699

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEONGCHUL SONG	07/23/2019
SANGUK JEON	07/23/2019
MYUNG-HEE JANG	07/23/2019
YOUNGHOON HAN	07/23/2019

RECEIVING PARTY DATA

Name:	HP Printing Korea Co., Ltd.	
Street Address:	29, 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:	17299101

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.

Correspondent Name: HP INC.

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

Address Line 4: FORT COLLINS, COLORADO 80528

NAME OF SUBMITTER: CARRIE A. MILANO SIGNATURE: /Carrie A. Milano/ DATE SIGNED: 06/02/2021	ATTORNEY DOCKET NUMBER:	86027243
	NAME OF SUBMITTER:	CARRIE A. MILANO
DATE SIGNED: 06/02/2021	SIGNATURE:	/Carrie A. Milano/
00/02/2021	DATE SIGNED:	06/02/2021

Total Attachments: 4

PATENT REEL: 056451 FRAME: 0436

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PATENT REEL: 056451 FRAME: 0437

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

RECORD ID:	85750044

	ASSIG	NMENT OF PATENT	APPLICATION	ΣŅ	
transfer and hereby Samsung-ro, Yeong title, and interest, in	/ assign and transfer to tong-gu, Suwon-si, Gyeor	HP PRINTING KOREA nggi-do, Korea, (hereinaft irity, in, to, and under a	CO., LTD., haver "HPPK"), its s	ing a principal uccessors, and	edged, agree to assign and business address of 129, its assigns, my entire right, d (English-language title in
화상명성장치에 적 apparatus}	용할 수 있는 폐토내 고형	불화 장치 (Waste toner)	palletization de	evice applicat	ole to image forming
Filing Date:	29 Jul 2019	Application No.:	10-2019-0	0091383	Patent Office: KR
herein "patent" refer design rights, and a country or region or patent, any and all a said Inventions, any indirectly claims price of, divisional application for pater on or as a result of of said Applications I HEREBY reprentire right, title, and	is to any form of intellectural tility model rights) (here under any international applications for patent direy and all applications for prity or benefit, and any all ations of, national-phase internations for any of said Invention said Applications for Patent or said Patents resent that I convey my formations for the transfer of t	al property protection inclinater "Inventions"); any greement for any of said actly or indirectly claiming patent from which any and all continuation applications of, regionalins) (hereinafter "Application thereinafter "Patents"); full rights in all countries	uding, without lir and all existing Inventions (incli- priority to or be application for p ations of, continu- ons for Patent') and any and a	nitation, invention and future apuding, without I prefit of any apparent for any continuous of, renewall; any and all pall reissues, reed under all interest	oplication for patent (as used on rights, utility patent rights oplications for patent of any imitation, said application for plication for patent for any of said inventions directly opplications (hereinafter CIPs, s of, and substitutes for any itents which may be granted examinations, and extensions of execute any agreement in
conflict herewith;	-				
Applications for Pat authorize HPPK, its	ent in its name or in my	name in any country or ts nominees, and its legal	region or unde representatives	r any internati to insert the fili	representatives to file said onal agreement, and further ng date, application number, , when known to them;
duty it is to issue pa		its successors, or its ass			rnational agreements whose right, title, and interest, said
such papers as ma HPPK, its successor all known facts resp and sign all lawful applications) relating generally to do ever maintain, and enforce and Patents, provide	y be necessary or desire rs, or its assigns; commun- ecting said Inventions, Ap- papers (including, withon g to said Inventions, App ything possible to aid HP ce, for its or their own beni-	able to perfect the title in nicate to HPPK, its succe pplications for Patent, an out limitation, divisional ilications for Patent, and PK, its successors, its as efft, proper intellectual pro ay be incurred by me in li	n said Invention ssors, its assign d Patents; testify applications, con Patents; and m signs, its nomin aperty protection	s, Applications s, its nominees / in any legal on intinuation appl ake all rightful ees, and its leg for said invent	delay, execute and deliver all for Patent, and Patents, to, or its legal representatives, radministrative proceedings loations, CIPs, and reissue oaths and declarations and la representatives to obtain ions, Applications for Patent, ssistance are paid by HPPK,
IN WITNESS V	VHEREOF, I hereunto set	my hand and seal:			
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	1 a want	mx .		4	
Inventorio Cianatura	7019 000		23	7	20/9
Inventor's Signature JEONGCHUL SONO	7		Day	Month	Year
Given (First and Middle		ne			

Rev 6/2018 (HPPK Assignment)

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transfer and hereby a Samsung-ro, Yeongtor title, and interest, incl	issign and transfer to 19-gu, Suwon-si, Gyeon	HP PRINTING KOREA aggi-do, Korea, (hereinaft rity, in, to, and under a	CO., LTD., having a princi er "HPPK"), its successors, a	wiedged, agree to assign and pal business address of 129, and its assigns, my entire right, titled (English-tanguage title in
화상행성장치에 역용 apparatus}	泰宁 為許 地 密計 五章	∰ ∄ ∜ (Waste toner	palletization device applic	cable to image forming
Filing Date:	29 Jul 2019	Application No.:	10-2019-0091383	Patent Office: KR
herein "patent" refers to design rights, and utili country or region or use patent, any and all apparent patent, any and all applications, any a indirectly claims priori, divisional application for patent to on or as a result of sa	o any form of intellectuality model rights) (here order any international a plications for patent directions for yor benefit, and any arons of national-phase for any of said invention	al property protection inci- inafter "Inventions"), any greement for any of said soily or indirectly claiming patent from which any and all continuation applica- applications of, regional- ins) (fiereinafter "Poplicat- int (hereinafter "Patents")	uding, without limitation, inver and all existing and future Inventions (including, without priority to or benefit of any application for patent for an ations of, continuation-in-part phase applications of, renevious for Patent'), any and all	I application for patent (as used intion 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) vals of, and substitutes for any patents which may be granted eexaminations, and extensions
				nternational agreements to the Il not execute any agreement in
Applications for Pater authorize HPPK, its su	it in its name or in my locessors, its assigns, it	name in any country o s nominees, and its legal	region of under any intern	al representatives to file said ational agreement, and further filing date, application number, ove, when known to them;
duty it is to issue pare	nts, to issue to HPPK,			nternational agreements whose ire right, title, and interest, said
such papers as may HPPK, its successors, all known facts respect and sign all lawful properties applications) relating to generally to do everyti maintain, and enforce, and Patents, provided	be riecessary or desire or its assigns; communiting said inventions. Alp apers (including, without to said inventions. App hing possible to aid HPI for its or their own beni	sble to perfect the title in incate to HPPK, its succe oplications for Patent, an distinct of divisional lications for Patent, and PK, its successors, its as efit, proper intellectual pri ay be incurred by me in I	n said Inventions, Applicationsors, its assigns, its nomine of Patents; tealify in any lega applications, continuation applications, continuation all Patents; and make all right usigns, its nominees, and its operty protection for said Invigents.	e delay, execute and deliver all ins for Patent, and Patents, to les, or its legal representatives, it or administrative proceedings optications, CIPs, and reissue ful oaths and declarations and legal representatives to obtain, antions, Applications for Patent transistance are paid by HPPK.
IN WITNESS W	IEREOF, I hereunto sel	my hand and seal:		
Inventor's Signature SANGUK JEON Given (First and Middle) I	Namora Carollo Ma		Day Month	2-5 9 Year
Owen farer 200 (and good)	Name(s) Family Nan	iz		

Per 8/2018 (HFF/K Assignment)

	APPI.		

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

RECORD	ID: 85750044
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ASSIGNMENT OF PATENT APPLICATION						
transfer and herel Samsung-ro, Yeor title and interest	by assign and transfer to	HP PRINTING KOKEA iggi-do, Korea, (hereinaft rity, in, to, and under a	co., cro., na w "HPPK"), its	ving a principa successors, an	ledged, agree to assign and of business address of 129, dits assigns, my antire right, ed (English-language title in	
회상원생활시에 apparatus}	작용할 수 있는 태토너 고족	③ 강의 (Waste toner	palletization (levice applica	ble to image forming	
Filing Date:	29 Jul 2019	Application No.:	10-2019-	0091383	Patent Office: KR	
herein "patent" ref design rights, am country or region patent, any and a said Inventions, s indirectly claims p of, divisional appl application for pa on or as a result of said Application	fers to any form of intellectual dutility model rights) (here or under any international a ill applications for patent din any and all applications for priority or benefit, and any as lications of, national-phase tent for any of said Invention of said Applications for Patents is for Patent or said Patents	al property protection inclinafter "Inventions"), any igreement for any of said actly or indirectly claiming patent from which any nd all continuation applic applications of, regional- ins) (hereinafter "Applications" (hareinafter "Patents" a.	ucing, without your and all existing the priority to or a supplication for atlans of, continuities applications for Patent (); and any and	initiation, areasing and future obuding, without benefit of any a patent for any nuation-in-partitions of, renew "); any and all relastions, re	application for patent (as used tion rights, utility patent rights, applications for patent of any limitation, said application for pplication for patent for any of of said inventions directly or applications (hereinafter CIPs) als of, and substitutes for any patents which may be granted examinations, and extensions	
entire right, title, a conflict herewith:	and interest herein assigned	i and transferred, and the	it I have not ex	ecruea suo wiii	ternational agreements to the not execute any agreement in	
Applications for I	the come or in me	y name in any country o its nominees and its leas	r region or un Liebresentativa	der any interna es to insert the	il representatives to file said stional agreement, and further filing date, application number, we, when known to them:	
duby it is to issue	EBY authorize and request to patents, to issue to HPPK dance with the terms of this	, its successors, or its as	signs, as assig	and under all in thee of my enti	ternational agreements whose re right, title, and interest, said	
auch papers as HPPK, its succes all known facts n and sign all law applications) rels generally to do e maintain, and en and Patents uno	may be necessary or desi- seors, or its assigns; commu- especting said inventions, A virul papers (including, with ating to said inventions, Ap- everything possible to aid Hi	rable to perfect the title imicate to HPPK, its succ Applications for Patent, a sout limitation, divisional plications for Patent, am PPK, its successors, its a nefit, proper intellectual p may be incurred by me in	in said Inverti essors, its assi nd Patents; les applications, I Patents; and issigns, its non roperty protect	ons. Application gns, its nomine tify in any lega continuation ay make all right ninees, and its ton for said invi-	e delay, execute and deliver all ns for Patent, and Patents, to es, or its legal representatives or administrative proceedings oplications, CIPs, and reissue ful oaths and declarations and legal representatives to obtain intions, Applications for Patent assistance are paid by HPPK	
IN WITNES	SS WHEREOF, I hereunto s	et my hand and seal:				
	-hee Jang		23	1	20/9 Year	
Inventor's Signatu	16		Day	Month	i dat	
Myung-Hee Jar Given (First and M		ame				

Revailate (HPPK Assignment)

PATENT APPLICATION

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

RECORD	ID:	85750044
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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,
	(hereinafter "HPPK"), its successors, and its assigns, my entire right,
title, and interest, including all rights of priority, in, to, and	d under an application for patent entitled (English-language title in
parentheses if said application for patent is in another langua	(30)

화당병생장계에 적용할 수 있는 제도내 교명화 장치 (Waste toner palletization device applicable to image forming apparatus) 29 Jul 2019 10-2019-0091383 Filing Date: Application No.: Patent Office: KR 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 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, little, and interest herein assigned and transferred, and that I have not executed and will not execute any agreement in AND I HEREBY authorize HPPK, its suppessors, 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 LHEREBY 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 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 seal: Inventor's Signature YoungHoon HAN Given (First and Middle) Name(s) Family Name

Rev 8/2018 (HPPN Assignment)