506330526 10/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6377277

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNGSUP LEE	01/21/2019
MIN-CHUL LEE	02/26/2019
JIWON MOON	02/20/2019
WOONGYONG CHOI	01/23/2019

RECEIVING PARTY DATA

Name:	HP PRINTING KOREA CO., LTD.
Street Address:	ALPHADOM TOWER 3, 152, PANGYOYEOK-RO, BUNDANG-GU
City:	SEONGNAM-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	13529

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17050337

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, jbonder@s-n-h.com, rkim@s-n-h.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

NAME OF SUBMITTER:YOUNGHOON KIM, REG. NO. 78,715SIGNATURE:/YOUNGHOON KIM/DATE SIGNED:10/30/2020

Total Attachments: 4

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PATENT 506330526 REEL: 054222 FRAME: 0656

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PATENT REEL: 054222 FRAME: 0657

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):

조무 관심장도 모으는원을 불러한 상유 변부분을 타고

(STRUCTURE FOR SELECTIVELY LOCKING TONER INLET SHAFTER OF TONER REFILL PORTION.)

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 for patent for any of said inventions (including paper) representations of the patent for any of said inventions (including paper) applications of the patent for any of said inventions (including paper) applications of the patent for any of said inventions (including paper) applications of the 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 (revenueller).

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 MEREBY authorize MPPK, 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 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, 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, communition 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 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

SeungSup

LEE

Given (First and Middle) Name(s) Fami

Family Name

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Z____/ Year

Rev 8/2018 (9499X Assignment)

RECORD	ID:	84975009
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ASSIGNMENT OF PATENT APPLICATION

transfer and he Samsung-ro, Ye title, and intere	ereby assign and tran eongtong-gu, Suwon-s st, including all rights	variable consideration, the receiption is fer to HP PRINTING KOREA City, Gyeonggi-do, Korea, (hereinafter of priority, in, to, and under an ent is in another language):	O., LTD., ha "HPPK"), its	ving a principal successors, and	business address of 129, lits assigns, my entire right,
		토너 충전부의 유입 셔터를 선택적으	로 로킹하는 구	¹ 조	
(STRUCT	URE FOR SELECTIVE	Y LOCKING TONER INLET SHUTT	ER OF TONER	REFILL PORTI	ON)
Filing Date: _	August 30, 2018	Application No.:	10-2018-01	102539	Patent Office: KR ;
herein "patent" design rights, a country or regic patent, any and said Inventions indirectly claims of, divisional application for lon or as a resu	refers to any form of in and utility model right on or under any interna d all applications for pa any and all applicat is priority or benefit, an oplications of, national patent for any of said	all inventions, improvements, and of tellectual property protection includes) (hereinafter "Inventions"); any additional agreement for any of said lightent directly or indirectly claiming pions for patent from which any and any and all continuation application-phase applications of, regional-plinventions) (hereinafter "Application for Patent (hereinafter "Patents"); Patents.	ting, without li and all existin eventions (incorriority to or be eplication for ons of, contin hase applications for Patent"	imitation, inventing and future a studing, without length of any appatent for any quation-in-part at ions of, renewall; any and all parts.	on rights, utility patent rights, pplications for patent of any imitation, said application for plication for patent for any of said Inventions directly or oplications (hereinafter CIPs) s of, and substitutes for any atents which may be granted
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Applications fo authorize HPPI	r Patent in its name o	PK, its successors, its assigns, or in my name in any country or is signs, its nominees, and its legal ror patent, now identified by the Rec	egion or und epresentative:	ler any internati s to insert the fil	onal agreement, and further ing date, application number,
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IN WITNE	SS WHEREOF, I here	eunto set my hand and seal:			
7	3 rat		<u>>6</u>	Feb	2019
Inventor's Signat			Day	Month	Year
Min-Chul Given (First and I		EE mily Name			

Rev 8/2018 (HPPK Assignment)

PATENT	APPL	IC A	TIO	N

of said Applications for Patent or said Patents.

RECORD	ID:	84975009
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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):

토너 충진부의 유입 서터를 선택적으로 로킹하는 구조

(STRUCTURE FOR SELECTIVELY LOCKING TONER INLET SHUTTER OF TONER REFILL PORTION)

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 for Patent for any of said Inventions) (hereinafter "Applications for Patents"); 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

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

| Teh | Day Month | Year | Jiwon | MOON | Given (First and Middle) Name(s) | Family Name

Rav 8/2018 (HPPK Assignment)

FA	TENT APPLICATION
	84975009
RECORD ID:	

ASSIGNMENT OF PATENT APPLICATION

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토너 충전부의 유입 셔터를 선택적으로 로킹하는 구조

(STRUC	TURE FOR SELECTIVELY LOCKIN	NG TONER INLET SHU	ITER OF TONER REFILL POR	TION)	
Filing Date:	August 30, 2018	_ Application No.:	10-2018-0102539	Patent Office:	KR_;
herein "patent design rights, country or reg patent, any ar said Inventior indirectly clair of, divisional application for on or as a res	atter, including any and all inventic " refers to any form of intellectual and utility model rights) (herein; ion or under any international agrad all applications for patent direct is, any and all applications for patent part of patents of patents of patents, and any and applications of, national-phase appress patent for any of said Inventions sult of said Applications for Patent ations for Patent or said Patents.	property protection inc after "Inventions"); an reement for any of said the or indirectly claimin atent from which any I all continuation applic oplications of, regional () (hereinafter "Applica	luding, without limitation, invey and all existing and futured Inventions (including, withoug priority to or benefit of any application for patent for any ations of, continuation-in-part-phase applications of, renew tions for Patent"); any and all	ntion rights, utility pater applications for paten at limitation, said application for patent for of said Inventions di applications (hereinaft vals of, and substitutes patents which may be	nt rights, t of any ation for or any of rectly or er CIPs) of for any granted
	Y represent that I convey my fulle, and interest herein assigned a	•	•	_	

conflict herewith:

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

当	3 \$	23	Jan.	2019
Inventor's Signature	-	Day	Month	Year
Woongyong	CHOI			
Given (First and Middle) Name(s)	Family Name	<u> </u>		

Rev 8/2018 (HPPK Assignment)

PATENT REEL: 054222 FRAME: 0661

RECORDED: 10/30/2020