# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7372944

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
JINHONG KIM	08/23/2019
JINSAM PARK	08/23/2019
YOUNGCHAE KIM	08/23/2019
YONGHUN KIM	08/23/2019

## **RECEIVING PARTY DATA**

Name:	HP PRINTING KOREA CO., LTD.	
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU	
City:	SUWON	
State/Country:	KOREA, REPUBLIC OF	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17417167

## **CORRESPONDENCE DATA**

Fax Number:

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:** ipa.mail@hp.com

Correspondent Name: HP INC.

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

ATTORNEY DOCKET NUMBER:	86014845
NAME OF SUBMITTER:	SUNMYUNG KIM
SIGNATURE:	/Sunmyung Kim/
DATE SIGNED:	06/08/2022

## **Total Attachments: 4**

source=85775857\_Assignment#page1.tif source=85775857\_Assignment#page2.tif source=85775857\_Assignment#page3.tif source=85775857\_Assignment#page4.tif

> PATENT REEL: 060143 FRAME: 0102

507326021

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

RECORD ID:8	35775857
-------------	----------

## ASSIGNMENT OF PATENT APPLICATION

transfer and Samsung-ro, litte, and inte	dersigned, for good and valuable hereby assign and transfer to li Yeongtong-gu, Suwon-si, Gyeon exest, including all rights of prior if said application for patent is in a	HP PRINTING KOREA ggi-do, Korea, (hereinaf ity, in, to, and under a	CO., LTD., ha ter "HPPK"), its	ving a principal l successors, and i	business address of 129, ts assigns, my entire right,
종동 커플러	를 구비하는 교체 가능한 카트리	계 (REPLACEABLE 0	CARTRIDGE W	ITH DRIVEN CO	OUPLER}
Filing Date:	August 26, 2019	Application No.:	10-2019-01	104429	Patent Office: KR
herein "pater design rights country or re patent, any a said Inventio indirectly clai of, divisional application fo on or as a re	natter, including any and all inven- nt" refers to any form of intellectuals, and utility model rights) (herei- gion or under any international a- and all applications for patent directors, any and all applications for- ms priority or benefit, and any ar- applications of, national-phase all applications of patent for any of said inventior soult of said Applications for Pate cations for Patent or said Patents.	al property protection inconafter "inventions"); any greement for any of said letty or indirectly claimin patent from which any id all continuation applic applications of, regional is) (hereinafter "Application thereinafter" Patents'	luding, without light and all existing and all existing linventions (incomplication for ations of, continuous for Patent"	mitation, inventioning and future applicating, without line enefit of any application for any of custion-in-part application, in-part application, any and all pat	n rights, utility patent rights oblications for patent of any nitation, said application fo lication for patent for any o said Inventions directly oblications (hereinafter CIPs of, and substitutes for any ents which may be granted
	BY represent that I convey my fitte, and interest herein assigned with;				
Applications authorize HP	HEREBY authorize HPPK, its of for Patent in its name or in my PK, its successors, its assigns, it fifce of sald application for patent,	name in any country o s nominees, and its lega	r region or und I representative	er any internation s to insert the filin	nal agreement, and furthe g date, application number
duty it is to is	IEREBY authorize and request the same patents, to issue to HPPK, coordance with the terms of this a	its successors, or its as	signs, as assign		-
such papers HPPK, its su all known fac and sign all applications) generally to maintain, and and Patents,	IEREBY covenant and agree that as may be necessary or desire coessors, or its assigns; communities respecting said Inventions, Applicating to said Inventions, Application of the coverything possible to aid HPI denforce, for its or their own benung provided the expenses which may its assigns, its nominees, or its	able to perfect the title dicate to HPPK, its successications for Patent, and ut limitation, divisional dications for Patent, and PK, its successors, its a efit, proper intellectual or ay be incurred by me in	in said Inventionssors, its assignated Patents; testinapplications, on Patents; and ressigns, its nominoperty protections.	ns, Applications to ns, its nominees, fy in any legal or ontinuation applic make all rightful of nees, and its legan for said Inventic	for Patent, and Patents, to or its legal representatives administrative proceedings cations, CIPs, and reissue paths and declarations and representatives to obtain ons, Applications for Patent
ITIW MI	NESS WHEREÓF, I hereunto set	my hand and seal:			
J:n	long Cin		23 Day	8 Month	20 // Voor
Jinhong KIM			udy	MORRIE	1 501
	d Middle) Namë(s) — Family Nam	ne			

Rev 8/2018 (MPPK Assignment)

PATENT APPLICATION

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

RECORD	D:	85775857
,		

#### 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):

종동 커플러를 구비하는 교체 가능한 카트리지 (REPLACEABLE CARTRIDGE WITH DRIVEN COUPLER)

Filing Date: August 26, 2019 Application No.: 10-2019-0104429 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 exists the following the 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, 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 all countries and regions and under all international agreements whose duty it is to issue patents, to issue to HPPK. Its successors, or its assigne, as assignee of my entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer;

AND I HEIREBY 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, 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 HPPK, its successors, its assigns, its nominees, and its legal representatives to obtain, and enforce, for its or their own benefit, proper intellectual properly 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, Thereunto set my hand and seal:

JIN SAM	PARK	23	B	2019
Inventor's Signature		Day.	Month	Year
Jinsam PARK				
Given (First and Middle) Name(s)	Family Name	_		

Rev 8/2018 (HPPK Assignment)

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

RECORD	m:	857758	57
· · · · · · · · · · · · · · · · · · ·		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	

## ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to as transfer and hereby assign and transfer to HP PRINTING KOREA CO., LTD., having a principal business address Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, (hereinafter "HPPK"), its successors, and its assigns, my entitle, and interest, including all rights of priority, in, to, and under an application for patent entitled (English-language parentheses if said application for patent is in another language):	s of 129, itire right,
중동 커플러를 구비하는 교체 가능한 카드리치 (REPLACEABLE CARTRIDGE WITH DRIVEN COUPLER)	
Filing Date: August 26, 2019 Application No.: 10-2019-0104429 Patent Office	: KR
the subject mafter, including any and all inventions; improvements, and discoveries, set forth in said application for patent herein "patent" refers to any form of intellectual property protection including, without limitation, invention rights, utility patentially refers to any form of intellectual property protection including, without limitation, invention for patent design rights, and utility model rights) (hereinafter "Inventions"), any and all existing and future applications for patent country or region or under any international agreement for any of said inventions, (including, without limitation, said application, and all applications for patent directly or inderectly claiming priority to or benefit of any applications for patent from which any application for patent for any of said inventions indirectly claims priority or benefit, and any and all continuation applications of, continuation-in-part applications (hereins of, divisional applications of, national-phase applications of, regional-phase applications of, renewals of, and substitute application for patent for any of said Inventions) (hereinsfier "Applications for Patent"); any and all patents which may be on or as a result of said Applications for Patent (hereinsfier "Patents"), and any and all reissues, reexaminations, and of said Applications for Patent or said Patents.	tent rights ant of any lication for for any o directly o after CIPs es for any oe granted
I HEREBY represent that I convey my full rights in all countries and regions and under all international agreeme entire right, title, and interest herein assigned and transferred, and that I have not executed and will not execute any agreement therewith;	
AND I HEREBY authorize HPPK, its successors, its assigns, its nominees and its legal representatives to Applications for Patent in its name or in my name in any country or region or under any international agreement, a authorize HPPK, its successors, its assigns, its nominess, and its legal representatives to insert the filling date, application and patent office of said application for patent, now identified by the Pacord ID and title set forth above, when known to the	nd furthe n number
AND FHEREBY authorize and request the officials of all countries and regions and under all international agreeme duty it is to issue patents, to issue to HPPK, its successors, or its assigns, as assignee of my entire right, title, and interpatents, in accordance with the terms of this assignment and transfer;	
AND I MEREBY covenant and agree that I will, each time a request is made, and without undue delay, execute and such papers as may be necessary or desirable to perfect the title in said inventions. Applications for Patent, and F HPPK, is successors, or its assigns, communicate to HPPK. Its successors, its assigns, its nominees, or its legal represall known facts respecting said inventions, Applications for Patent, and Patents; testify in any legal or administrative principles and sign all lawful papers (including, without limitation, divisional applications, continuation applications, CIPs, an applications) relating to said inventions, Applications for Patent, and Patents, and make all rightful daths, and declar generally to do everything possible to aid HPPK, its successors, its assigns, its nominees, and its legal representatives maintain, and afforce, for its or their own benefit, proper intellectual property protection for said inventions. Applications and Patents, provided the expenses which may be incurred by me in lending such cooperation and assistance are paid its successors, its assigns, its nominees, or its legal apprecentatives.	Patents, to sentatives oceedings od relesue ations and to obtain for Patent
IN WITNESS WHEREOF, Thereunto set my habd and seal:	

Rev 8/2018 (HPPN Assignment)

Townschae
Inventor's Signature

Given (First and Middle) Name(s)

Family Name

Youngchae KIM

	APPL		

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

RECORD	ID:	8577585	7
RECORD	ID:	85//585	<u> </u>

#### 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-qu; Suwon-si, Gyeonogi-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): 종종 커플러를 꾸비하는 교체 가능한 카트리지 (REPLACEABLE CARTRIDGE WITH DRIVEN COUPLER) Application No.: 10-2019-0104429 Patent Office: KR Filing Date: August 26, 2019 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, tille, 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 numinees, 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! 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, is successors, or its assigns; communicate to HPPK, its successors, its assigns, its nonlinees, 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 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 sest: Inventor's Signature Month Yongbua KiM Given (First and Middle) Name(s) Family Name

Rev 8/2018 (HPPK Assignment)