506310917 10/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6357666

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HP PRINTING KOREA CO., LTD.	03/19/2019

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:	17048696

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER: 85947243	
NAME OF SUBMITTER:	DAN C. HU
SIGNATURE:	/Dan C. Hu, Reg. No. 40025/
DATE SIGNED:	10/20/2020

Total Attachments: 1

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PATENT 506310917 REEL: 054102 FRAME: 0782

PATENT APPLICATION

Patent Office: KR

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

Filing Date: 30 Aug 2018

RECORD	1D:_	84974993
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ASSIGNMENT OF PATENT APPLICATION

HP PRINTING KOREA CO., LTD., having a principal business address of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea (hereinafter HPPK), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of its obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Spring, Texas, (hereinafter HPDC), agrees to assign and transfer and hereby assigns and transfers to HPDC, its successors, and its assigns, HPPK's 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):

Application No.: 10-2018-0102532

표너 리펠 카트리지의 셔터 구조 (Shutter structure for toner refill cartridge)

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

HPPK HEREBY represents that it conveys its 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 it has not executed and will not execute any agreement in conflict herewith;

AND HPPK HEREBY authorizes 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 HPPK HEREBY authorizes and requests 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 HPPK's entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer;

IN WITNESS WHEREOF, this Assignment is executed by a duly authorized representative of HP PRINTING KOREA CO., LTD.

HP PRINTING CO., LTD.

by: Dookyu Kim

Title: Authorized Representative

Rev Jan 2019 (HPPK to HPDC Assignment)

PATENT REEL: 054102 FRAME: 0783