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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5620442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HP PRINTING KOREA CO., LTD.	07/11/2019

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:	16478285

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Address Line 2: MAIL STOP 35

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NAME OF SUBMITTER:	GEORGE C. ECKERT
SIGNATURE:	/George C. ECKERT/
DATE SIGNED:	07/16/2019

Total Attachments: 1

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PATENT REEL: 049765 FRAME: 0696

PATENT APPLICATION HP Inc. 3390 E. Harmony Road 84846193 Mail Stop 35 RECORD ID:_

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):

현상 카트리지 및 이를 채용한 전자사진방식 화상현정장의 (Development cartridge and electrophotographic image forming apparatus adapting the same)

Filing Date:	19 Jan 2017	Application No.:	10-2017-0009343	; Pate	nt Office:	KR :
the subject m	natter, including any and all inventio	ons, improvements, a	nd discoveries, set	forth in said application	n for patent	(as used
herein "pater	nt" refers to any form of intellectual i	property profection in	icluding, without lim	itation, invention rights	, utility pate	int rights,
design rights	s, and utility model rights) (hereins	after "Inventions"): a	ny and all existing	and future application	s for pater	nt of any

ks, ny 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.

Fort Collins, Colorado 80526

Dookyu Kim Title: Authorized Representative

Rev May 2019 (HPPK to HPDC Assignment)

PATENT REEL: 049765 FRAME: 0697