

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6347702

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIWON MOON	08/28/2018
MINUL LEE	08/28/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HP PRINTING KOREA CO., LTD.
<b>Street Address:</b>	ALPHADOM TOWER 3, 152, PANGYOYEOK-RO, BUNDANG-GU
<b>City:</b>	SEONGNAM-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	13529
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17047219
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(970)778-4063
<i>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.</i>	
<b>Phone:</b>	(541)715-8443
<b>Email:</b>	ipa.mail@hp.com
<b>Correspondent Name:</b>	HP INC.
<b>Address Line 1:</b>	3390 E. HARMONY ROAD MS 35
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY
<b>Address Line 4:</b>	FORT COLLINS, COLORADO 80528
<b>ATTORNEY DOCKET NUMBER:</b>	85943571
<b>NAME OF SUBMITTER:</b>	GEORGE C. ECKERT
<b>SIGNATURE:</b>	/George C. ECKERT/
<b>DATE SIGNED:</b>	10/13/2020
<b>Total Attachments: 2</b>	
source=84977820-Inventor-to-HPPK Assignment#page1.tif	
source=84977820-Inventor-to-HPPK Assignment#page2.tif	

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

PATENT APPLICATION

RECORD ID: 84977820

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HP Printing Korea Co., Ltd., having a principal business address of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, (hereinafter HPPK), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPPK, its successors and assigns, my/our entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

PRINT MATERIALS REPLENISHMENT

Filing Date: August 30, 2018 Application No.: PCT/US2018/048769 Country/Region: US ;

any and all inventions and improvements set forth in said application for patent; any and all applications for patent of any countries or regions or under any applicable treaties for said inventions or improvements or claiming priority to or benefit of said application for patent; any and all continuations, continuations-in-part (C-I-P's), divisionals, renewals of, and substitutes for said applications for patent; any and all patents which may be granted on or as a result of any of said applications for patent; and any and all reissues, or reexaminations, or extensions of said applications for patent or said patents.

I/we additionally authorize HPPK to file said applications for patent in my/our name(s) in any countries or regions or under any applicable treaties, to be held and enjoyed by HPPK, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which patents may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment and transfer not been made;

AND I/we hereby covenant that I/we convey my/our full right to the entire interest herein assigned and transferred, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we 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 to said inventions or improvements, said applications for patent and said patents, to HPPK, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPPK, or to its nominee, all known facts respecting said inventions or improvements, said applications for patent and said patents, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue applications, and applications for patent of other countries or regions or under any applicable treaties for said inventions or improvements or claiming priority to or benefit of said applications for patent, to make all rightful oaths and declarations, and generally to do everything possible to aid HPPK, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPPK;

AND I/we hereby authorize and request the officials of any countries or regions or under any applicable treaties whose duty it is to issue patents on applications as aforesaid, to issue to HPPK, as assignee of the entire right, title and interest, any and all patents for said inventions or improvements which may be issued and granted on or as a result of the applications for patent aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Jiwon Moon  
Inventor's Signature

28/AUG/2018  
Date

Jiwon Moon  
First/Middle Name Last Name

Inventor's Signature Date

Minul Lee  
First/Middle Name Last Name

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

PATENT APPLICATION

RECORD ID: 84977820

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HP Printing Korea Co., Ltd., having a principal business address of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, (hereinafter HPPK), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPPK, its successors and assigns, my/our entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

PRINT MATERIALS REPLENISHMENT

Filing Date: August 30, 2018 Application No.: PCT/US2018/048769 Country/Region: US ;

any and all inventions and improvements set forth in said application for patent; any and all applications for patent of any countries or regions or under any applicable treaties for said inventions or improvements or claiming priority to or benefit of said application for patent; any and all continuations, continuations-in-part (C-I-P's), divisionals, renewals of, and substitutes for said applications for patent; any and all patents which may be granted on or as a result of any of said applications for patent; and any and all reissues, or reexaminations, or extensions of said applications for patent or said patents.

I/we additionally authorize HPPK to file said applications for patent in my/our name(s) in any countries or regions or under any applicable treaties, to be held and enjoyed by HPPK, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which patents may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment and transfer not been made;

AND I/we hereby covenant that I/we convey my/our full right to the entire interest herein assigned and transferred, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we 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 to said inventions or improvements, said applications for patent and said patents, to HPPK, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPPK, or to its nominee, all known facts respecting said inventions or improvements, said applications for patent and said patents, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue applications, and applications for patent of other countries or regions or under any applicable treaties for said inventions or improvements or claiming priority to or benefit of said applications for patent, to make all rightful oaths and declarations, and generally to do everything possible to aid HPPK, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPPK;

AND I/we hereby authorize and request the officials of any countries or regions or under any applicable treaties whose duty it is to issue patents on applications as aforesaid, to issue to HPPK, as assignee of the entire right, title and interest, any and all patents for said inventions or improvements which may be issued and granted on or as a result of the applications for patent aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature

Date

Jiwon

Moon

First/Middle Name

Last Name

Inventor's Signature

Date

Minui

Lee

First/Middle Name

Last Name