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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Minguk Go	10/08/2020
Horyul Lee	10/13/2020
Yoshihiko Ichikawa	10/08/2020
Yunkyu Shim	10/08/2020

RECEIVING PARTY DATA

Company Name:	HP Printing Korea Co., Ltd.
Street Address:	129, Samsung-Ro, Yeongtong-Gu Suwon-Si
City:	Gyeonggi-do
State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18027618

CORRESPONDENCE DATA

Fax Number: 2026725300

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.

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ATTORNEY DOCKET NUMBER:	86237324
NAME OF SUBMITTER:	Maria Lopes-Carvalho
SIGNATURE:	Maria Lopes-Carvalho
DATE SIGNED:	02/22/2024

Total Attachments: 4

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PATENT REEL: 066536 FRAME: 0820 HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

Minguk GO

Inventor's Legal Name

RECORD ID: 85939658	
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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, to the extent not already owned by or assigned and transferred to HP PRINTING KOREA CO., LTD., according to applicable law by virtue of my employment or agreement related thereto, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to

the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HP PRINTING KOREA CO., LTD., a Korean company, having a principal business address in 152 Pangyoyeok-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, REPUBLIC OF KOREA, (hereinafter "HP PK"), 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): 현상기 내부의 규제 블레이드 냉각 구조 {cooling structure for regulation blade of developing device} 10-2020-0132342 October 14, 2020 Application No.: Patent Office: KR Filing Date: 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, regionalphase 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 HP PK, 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 HP PK, 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 HP PK, 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 HP PK, its successors, or its assigns; communicate to HP PK, 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 oaths and declarations and generally to do everything possible to aid HP PK, 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 HP PK, its successors, its assigns, its nominees, or its legal representatives. IN WITNESS WHEREOF, I hereunto set my hand and seal: Month

> PATENT REEL: 066536 FRAME: 0821

Rev 8/2020

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

Patents.

RECORD	ID:_	85939658
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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, to the extent not already owned by or assigned and transferred to HP PRINTING KOREA CO., LTD., according to applicable law by virtue of my employment or agreement related thereto, 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., a Korean company, having a principal business address in 152 Pangyoyeok-ro,

Bundang-gu, Seongnam-si, Gyeonggi-do, REPUBLIC OF KOREA, (hereinafter "HP PK"), 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): 현상기 내부의 규제 블레이드 냉각 구조 {cooling structure for regulation blade of developing device} 10-2020-0132342 October 14, 2020 Application No.: Patent Office: KR Filing Date: 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, regionalphase 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

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;

(hereinafter "Patents"); and any and all reissues, reexaminations, and extensions of said Applications for Patent or said

AND I HEREBY authorize HP PK, 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 HP PK, 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 HP PK, 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 HP PK, its successors, or its assigns; communicate to HP PK, 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 oaths and declarations and generally to do everything possible to aid HP PK, 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 HP PK, its successors, its assigns, its nominees, or its legal representatives.

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

Horynl Lee	ſ	3	61	2020
Inventor's Signature	D	ay	Month	Year
Horyul LEE				
Inventor's Legal Name				

Rev 8/2020

PATENT REEL: 066536 FRAME: 0822

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

RECORD	ID:	85939658

ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, to the extent not already owned by or assigned and transferred to HP PRINTING KOREA CO., LTD., according to applicable law by virtue of my employment or agreement related thereto, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to

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ontire right title and interset including all rights of priority in to and under an

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Title:	현상기 내부의 규제 볼레이드 냉각 구조 [itle: {cooling structure for regulation blade of developing device}						
Filing	Date:	October	14, 2020	Application No.:	10-2020-0132342	Patent Office: KR	
(as us utility papplication without benefit for particular phase "Application")	ed herein patent righ ations for pat limitation t of any apt ent for any uation-in-pations for applications for nafter "Pat	"patent" refer ots, design rig patent of any n, said applica oplication for y of said Inve- part applications ons of, renewa Patent"); any	s to any form o hts, and utility r country or regination for patent, patent for any o entions directly o ons (hereinafter als of, and subs y and all patents	f intellectual property pro model rights) (hereinafter on or under any internation any and all applications of said Inventions, any and or indirectly claims priority "CIPs") of, divisional application s which may be granted of	and discoveries, set forth in stection including, without limita "Inventions"); any and all exisonal agreement for any of said for patent directly or indirectly d all applications for patent frogor benefit, and any and all collications of, national-phase applications of a result of said Applications of said Applications of said Applications of said Applications of said Applications.	ation, invention rights, sting and future I Inventions (including, claiming priority to or or which any application ontinuation applications of, polications of, regional-entions) (hereinafter ations for Patent	

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

Yoshiniko Ichikaw	à	8	10	2020	
Inventor's Signature		Day	Month	Year	
Yoshihiko ICHIKAWA					
Inventor's Legal Name					

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PATENT

REEL: 066536 FRAME: 0823

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I, the undersigned, to the extent not already owned by or assigned and transferred to HP PRINTING KOREA CO., LTD., according to applicable law by virtue of my employment or agreement related thereto, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to

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