PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARIA ELIZABETH ZAPATA	03/10/2020
RAIMON CASTELLS DE MONET	03/09/2020
FRANCISCO LOPEZ MORAL	03/06/2020

RECEIVING PARTY DATA

Name:	HP Printing and Computing Solutions, S.L.U.
Street Address:	Calle Jose Echegaray, 18, Parque Empresarial
City:	Las Rozas-Madrid
State/Country:	SPAIN
Postal Code:	28232

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17905725

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: HP INC.

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

ATTORNEY DOCKET NUMBER:	86165727
NAME OF SUBMITTER:	DIALLO T. CRENSHAW
SIGNATURE:	/ Diallo T. Crenshaw 52,778 /
DATE SIGNED:	09/09/2022

Total Attachments: 3

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PATENT 507483627 REEL: 061404 FRAME: 0267

HP Inc. 3390 E. Harmony Road Mail Stop 35
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528
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VACUUM-ASSISTED PRINTING FOR POROUS SUBSTRATES

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RECORDI	D:	8581	9966	
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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 and Computing Solutions, S.L.U., a Spanish company having its principal place of business in Madrid, Spain, (hereinafter "HPPCS"), 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):

Filing Date:	March 11, 2020	Application No.:	PCT/US2020/022077	Patent Office: US

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, 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 HPPCS, 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 HPPCS, 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 HPPCS, 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 HPPCS, its successors, or its assigns; communicate to HPPCS, 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 HPPCS, 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 HPPCS, its successors, its assigns, its nominees, or its legal representatives.

Jeg J		10	KARCH	2020
nventor's Signature) \	Day	Month	Year
Maria Elizabeth	ZAPATA			

Rev 8/2018 (HPES Assignment)

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

RECORD	ID:	8581	9966	
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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and oal st, aid

place of busine including all rig	reby assign and transfer to Hi ess in Madrid, Spain, (herein hts of priority, in, to, and un patent is in another language):	after "HPPCS"), its succ der an application for pa	essors, and	its assigns, my entir	e right, title, and interest,
VACUUM-AS	SISTED PRINTING FOR PO	ROUS SUBSTRATES			
Filing Date:	March 11, 2020	Application No.:	PCT/US2	2020/022077	Patent Office: US ;
herein "patent" design ights, a country or regic patent, any and said Inventions indirectly claims of, divisional as application for on or as a resu	ter, including any and all inver- refers to any form of intellectu- and utility model rights) (here- on or under any international at all applications for patent dir , any and all applications for s priority or benefit, and any a oplications of, national-phase patent for any of said inventical lit of said Applications for Pat- ions for Patent or said Patents	al property protection inc pinafter "Inventions"); any agreement for any of sain ectly or indirectly claimin patent from which any nd all continuation applica applications of, regional ins) (hereinafter "Applicatent (hereinafter "Patents"	luding, without and llaex and llaex and llaex and llaex application in lations of, co-phase applitions for Pate	ut limitation, invention isting and future app (including, without lind or benefit of any applion for patent for any of intinuation-in-part applications of, renewals ent"); any and all pater"); any and all paters.	n rights, utility patent rights, plications for patent of any nitation, said application for ication for patent for any of said Inventions directly or plications (hereinafter CIPs) of, and substitutes for any ents which may be granted
	represent that I convey my e, and interest herein assigned h;				
Applications for authorize HPP	REBY authorize HPPCS, its r Patent in its name or in my CS, its successors, its assig atent office of said application	y name in any country ons, its nominees, and it	r region or s legal repre	under any internation esentatives to insert	nal agreement, and further the filing date, application
duty it is to issu	REBY authorize and request to patents, to issue to HPPCS ordance with the terms of this	s, its successors, or its as	ssigns, as as	s and under all interr signee of my entire r	national agreements whose ight, title, and interest, said
such papers at HPPCS, its surepresentatives administrative applications, Cloaths and deci- legal represent Inventions, App	REBY covenant and agree that is may be necessary or designed accessors, or its assigns; or all known facts respecting proceedings and sign all liPs, and reissue applications) arations and generally to do atives to obtain, maintain, and pate are paid by HPPCS, its successions.	rable to perfect the title communicate to HPPCS g said Inventions, Appl lawful papers (including relating to said Invention everything possible to aid enforce, for its or their nts, provided the expensions.	in said Inveit, its succestications for g, without I is, Application d HPPCS, it would be which ma	ntions, Applications to ssors, its assigns, its Patent, and Patent imitation, divisional ins for Patent, and Pa s successors, its ass t, proper intellectual by be incurred by me it	for Patent, and Patents, to ts nominees, or its legal s; testify in any legal or applications, continuation ate stand make all rightful signs, ts nominees, and its property protection for said in lending such cooperation
IN WITNE	SS WHEREOF, I hereunto se	et my hand and seal:			
	Co in a		9	MARCH	2020
Inventor's Sign	ature		Day	Month	Year
Raimon	CASTELLS	DE MONET	••		
Given (First and	Middle) Name(s) / Family Na	me			

Rev 8/2018 (HPES Assignment)

PATENT APPLICATION

RECORD ID: 65819966

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 and Computing Solutions, S.L.U.. a Spanish company having its principal place of business in Madrid, Spain. (hereinafter "HPPCS"), 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):

VACUUM-ASSISTED PRINTING FOR POROUS SUBSTRATES

Filing Date:	March 11, 2020	Application No.:	PCT/US2020/022077	Patent Office: US
design rights, a country or region patent, any and said Inventions, indirectly claims of, divisional application for p. on or as a result	efers to any form of intellectu- nd utility model rights) (here- n or under any international a all applications for patent dir- any and all applications for priority or benefit, and any a plications of, national-phase atent for any of said Inventional-	nal property protection inc sinafter "Inventions"), an agreement for any of said ectly or indirectly claimin patent from which any not all continuation applic applications of, regional ans) (hereinafter "Applica" ant (hereinafter "Patents"	cluding, without limitation, invertiged and all existing and future of Inventions (including, without application for patent for any application for patent for any actions of, continuation-in-part including applications of applications of applications of all inventions for Patent's any and all inventions for Patent for any applications	application for patent (as used application for patent rights, applications for patent of any timitation, said application for application for patent for any of of said Inventions directly or applications (hereinafter CIPs) als of, and substitutes for any patents which may be granted examinations, and extensions

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:

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	REOF, pereunto set my hand and sea	t	MARCH	7070
Inventor's Signature		Day	Month	Year
/	× *			
Francisco	LOPEZ MORAL			
Given (First and Middle) N	lame(s) / Family Name			

Rev 8/2018 (HPES Assignment)

PATENT REEL: 061404 FRAME: 0270