506854456 09/03/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6901277

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARIA VILA ABAD	08/19/2021
XAVIER QUINTERO RUIZ	08/19/2021
DAVID VENDRELL TORNERO	08/17/2021
CARLES CARMONA CALPE	08/18/2021

# **RECEIVING PARTY DATA**

Name:	HP PRINTING & COMPUTING SOLUTIONS, S.L.U.
Street Address:	CAMI DE CAN GRAELLS 1-21
City:	SANT CUGAT DEL VALLES
State/Country:	SPAIN
Postal Code:	08174

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17411408

## **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.

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Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD

Address Line 2: MAIL STOP 35

Address Line 4: FORT COLLINS, UNITED STATES 80528-9544

ATTORNEY DOCKET NUMBER:	86054286
NAME OF SUBMITTER:	INDRA FERNANDO
SIGNATURE:	/Indra Fernando/
DATE SIGNED:	09/03/2021

## **Total Attachments: 4**

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PATENT 506854456 REEL: 057386 FRAME: 0562

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PATENT REEL: 057386 FRAME: 0563 HP Inc 3390 E. Harmony Road Mail Sicp 35 Fort Collins, Colorado 80528

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# ASSIGNMENT OF PATENT APPLICATION

Little undersigned, to the extent not already owned by or assigned and transferred to HP Printing and Computing Solicitions (S.L.U., 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 and Computing Solutions, S.L. (hereinafter "HP PCS")	U. a Spanish company havinness company havinness company havinness company havinness company havinness company	g its principal place of	business in Madrid, SPAIN.
its successors, and its assigns, my entire r application for patent entitled (English-language)	ight file, and interest including file in parentheses if said	ng all rights of priority, application for patent	in, to, and under an is in another language)
Title PRINTHEAD ALIGNMENT			
Filing Date	Application No.:		Patent Office: US
the subject matter, including any and all in as used herein "patent" refers to any form of atthy parent rights, design rights, and utility in applications for patent of any country or egic without limitation, said application for patent benefit of any application for patent to any or said hierarchises described continuation-in-part applications (hereinrafter phase applications of enewals of and auto-Applications for Patent"), any and all patents (hereinrafter "Patents"), and any and all reless Patents.	mellectual property protection and a rights; theremarker investor or under any meritations for party and all applications for party and all applications promity or bit of party of divisional application for party and all applications for any application for particle and the party application for particle and the party application for particle and the particle a	in anading, without in more 1, any and all a greenent for any of se cont directly or indirect applications for patent enefit, and any and all ms of national phase alent for any of said in as a result of said App	intation invention rights usting and future aid inventions (including by claiming priority to or from which any application continuation applications of applications of, regional inventions (hereinafter lications for Patent
I HEREBY represent that I convey my full i entire right, title, and interest herein assigned agreement in conflict herewith:			
AND I HEREBY authorize HP PCS, its sur- Applications for Patent in its name or in my authorize HP PCS, its sucressions, its assign number, and patent office of said application to them.	ame in any country or region on the second second in the second s	y under any internation apresentatives to inser-	halagreement, and further tithe filing date, application
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Seventor's Signature 4	= 1 G		out.
Maria VILA ABAD Inventors Legal Name	-		

Rev 8/2001

MF Inc 3390 E. Harmony Road Mail Stop 35 Fon Collins, Colorado 80528

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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 and Computing Subultions, S.L.U., according to applicable law by virtue of my amployment 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 and Computing Solutions, S.L.U., a Spanish company having its principal place of business in Madrid, SPAIN, thereinciter "HP PCS").

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).

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Filing Date:	Application No.:	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 applications of patent for any of said inventions directly or indirectly chims priority or benefit, and any and all continuation applications of, regional-phase applications (hereinafter "CIPS") or, divisional applications of, national-phase applications of, and substitutes for any application or 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

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 PCS, 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 PCS, 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:

ANO LHEREBY 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 PCS, 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 FIEREBY covenant and agree that I will, each time a request is made, and without undue delay, execute and deliver oil such papers as may be necessary or desirable to perfect the title in said inventions. Applications for Patent, and Patents, to HP PCS, 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 lewful papers (including, without limitation, divisional applications, continuation applications, CIPs, and resiste applications) relating to said Inventions. Applications for Patent, and Patents; and make all rightful ooths and declerations and generally to do everything possible to aid HP PCS, 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 representatives.

IN WITNESS WHEREOF, I persynto set my hand and seat:

Inventoris Signature

Xavier QUINTERO RUIZ

inventor's Legal Name

Rev 8/200

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

RECORD ID: 86054280
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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 and Computing Solutions, S.L.U., 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 and Computing Solutions, S.L.U., a Spanish hereinafter "HP PCS"),	company having its	s principal	place of busines	s in Madrid, SPAIN,
its successors, and its assigns, my entire right, title, and application for patent entitled (English-language title in pare				
Title: PRINTHEAD ALIGNMENT				
Filing Date: Application	n No.:		Р	atent Office: US
the subject matter, including any and all inventions, impras used herein "patent" refers to any form of intellectual pratility patent rights, design rights, and utility model rights) (happlications for patent of any country or region or under an without limitation, said application for patent, any and all appenent of any application for patent for any of said Inventions or patent for any of said Inventions directly or indirectly classical inventions (hereinafter "CIPs") of, divident applications of, renewals of, and substitutes for any Applications for Patent"); any and all patents which may be hereinafter "Patents"); and any and all reissues, reexamina Patents.	operty protection in nereinafter "Inventio y international agre- plications for paten ns, any and all appl ims priority or bene isional applications application for paten e granted on or as a	cluding, wons"); any ement for t directly clications for and an of, nation of the result of	vithout limitation, in and all existing and all existing and any of said Invertor indirectly claiming and all continual al-phase applications said Applications	nvention rights, nd future ntions (including, ing priority to or ich any application ation applications of, ions of, regional- s) (hereinafter for Patent
I HEREBY represent that I convey my full rights in all contentire right, title, and interest herein assigned and transferragreement in conflict herewith;				
AND I HEREBY authorize HP PCS, its successors, its as Applications for Patent in its name or my name in any co authorize HP PCS, its successors, its assigns, its nomineed number, and patent office of said application for patent, now them;	untry or region or u	nder any i esentative	nternational agre s to insert the filir	ement, and further ng date, application
AND I HEREBY authorize and request the officials of all whose duty it is to issue patents, to issue to HP PCS, its sunterest, said Patents, in accordance with the terms of this a	ccessors, or its ass	igns, as a		
AND I HEREBY covenant and agree that I will, each time all such papers as may be necessary or desirable to perfect on HP PCS, its successors, or its assigns; communicate to epresentatives, all known facts respecting said Inventions, administrative proceedings and sign all lawful papers (inclust applications, CIPs, and reissue applications) relating to said ightful oaths and declarations and generally to do everythinominees, and its legal representatives to obtain, maintain, property protection for said Inventions, Applications for Patine in lending such cooperation and assistance are paid by epresentatives.	It the title in said Inv HP PCS, its succes Applications for Pa ding, without limitat d Inventions, Applic ng possible to aid H and enforce, for its ent, and Patents, pr	ventions, A ssors, its a stent, and tion, divisi- ations for IP PCS, it or their of rovided the	Applications for Possigns, its nomin Patents; testify in onal applications, Patent, and Pates successors, its own benefit, propes expenses which	atent, and Patents, ees, or its legal any legal or continuation ints; and make all assigns, its intellectual may be incurred by
IN WITNESS WHEREOF, I hereunto set my hand and se	eal:			
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Inventor's Signature	Day	Month	Year	
David VENDRELL TORNERO				
Inventor's Legal Name				

Rev 8/2020

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

RECORD	ID:	86054286	

#### ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, to the extent not already owned by or assigned and transferred to HP Printing and Computing Solutions, S.L.U., 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 and Computing Solutions, S.L.U., a Spanish company having its principal place of business in Madrid, SPAIN, (hereinafter "HP PCS"),

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	s assigns, my entire right, title, and into titled (English-language title in parent		
Title: PRINTHEAD AL	IGNMENT		
Filing Date:	Application t	Vo.:-	Patent Office: US
(as used herein "patent" utility patent rights, design applications for patent of without limitation, said a benefit of any application for patent for any of said continuation-in-part applications of reapplications of reapplications for Patent"	cluding any and all inventions, improve refers to any form of intellectual prope gn rights, and utility model rights) (here f any country or region or under any in pplication for patent, any and all applic in for patent for any of said inventions, f inventions directly or indirectly claims lications (hereinafter "CIPs") of, division enewals of, and substitutes for any app cand any and all reissues, reexaminations.	erty protection including, withous sinafter "inventions"); any and a sternational agreement for any o sations for patent directly or indi- any and all applications for pate priority or benefit, and any and nal applications of, national-pha- plication for patent for any of said canted on or as a result of said /	t limitation, invention rights, all existing and future of said inventions (including, irectly claiming priority to or ent from which any application of all continuation applications of, ase applications (hereinafter Applications for Patent
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Applications for Patent is authorize HP PCS, its so	orize HP PCS, its successors, its assign its name or in my name in any count uccessors, its assigns, its nominees, a be of said application for patent, now id	ry or region or under any intern ind its legal representatives to in	ational agreement, and further assert the filing date, application
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all such papers as may lead to HP PCS, its successor representatives, all known administrative proceeding applications, CIPs, and rightful oaths and declar nominees, and its legal property protection for significant and successor and its legal property protection for significant and successor and its legal property protection for significant and successor and its legal specificant and successor and succes	nant and agree that I will, each time a be necessary or desirable to perfect thors, or its assigns; communicate to HP vn facts respecting said Inventions, Apags and sign all lawful papers (including reissue applications) relating to said in rations and generally to do everything prepresentatives to obtain, maintain, and and Inventions, Applications for Patent peration and assistance are paid by HF	e title in said inventions, Applic PCS, its successors, its assign plications for Patent, and Pater g, without limitation, divisional a ventions, Applications for Pater possible to aid HP PCS, its suc d enforce, for its or their own be , and Patents, provided the exp	ations for Patent, and Patents, s, its nominees, or its legal nts; testify in any legal or applications, continuation nt, and Patents; and make all cessors, its assigns, its enefit, proper intellectual enses which may be incurred by
IN WITNESS WHERE	EOF, I hereunto set my hand and seal:		
Inventor's Signature			Year
Carles CARMONA CA	ALPE		

Rev 8/2020

Inventor's Legal Name