

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5417395

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HP PRINTING AND COMPUTING SOLUTIONS, S.L.U.	03/05/2018
HECTOR LEBRON	10/18/2016
JUAN J HERNANDEZ	10/19/2016
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<b>Postal Code:</b>	77389
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16317783
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<b>ATTORNEY DOCKET NUMBER:</b>	85675545
<b>NAME OF SUBMITTER:</b>	KUBAE KIM
<b>SIGNATURE:</b>	/Kubae Kim/
<b>DATE SIGNED:</b>	03/12/2019
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, Salvador Sanchez Ribes, Hector Lebron, Juan J Hernandez, and Emilio Carlos Cano are inventors of an invention subject to a patent application entitled "THREE-DIMENSIONAL OBJECT GENERATION" and identified by HP Record ID: 85675545, Filing Date: 14Jan2019, Application No.: 16/317783, Patent Office: US.

WHEREAS, the said inventor, Salvador Sanchez Ribes and Emilio Carlos Cano were at the material time, employee(s) of HP PRINTING AND COMPUTING SOLUTIONS, S.L.U. (a Spanish Company).

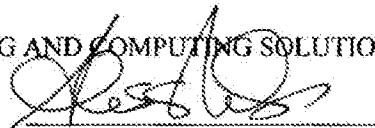
WHEREAS, HP PRINTING AND COMPUTING SOLUTIONS, S.L.U. is by operation of Article 15, Subsection 1 of the Spanish Patent Act of 2015 relating to employee inventions, owner of all rights, title and interests in said invention arising out of the participation of its said employee in the creation of said invention.

NOW, THEREFORE, in accordance with an Agreement between HP PRINTING AND COMPUTING SOLUTIONS, S.L.U. and HP Inc. (A Delaware corporation having its principal place of business in Palo Alto, California), and a further agreement between HP Inc. and Hewlett-Packard Development Company, L.P. (a Texas limited partnership having its principal place of business in Spring, Texas, USA), the latter agreement also including the transfer to Hewlett-Packard Development Company, L.P. of the right to claim convention priority from applications filed in respect of the invention, HP PRINTING AND COMPUTING SOLUTIONS, S.L.U., at the direction of HP Inc., hereby perfects the assignment to Hewlett-Packard Development Company, L.P., its successors and assigns, of HP PRINTING AND COMPUTING SOLUTIONS, S.L.U.'s entire right, title, and interest, including all rights of priority, in, to, and under said patent application; 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 as consistent with the Agreement between HP PRINTING AND COMPUTING SOLUTIONS, S.L.U. and HP Inc., and HP Inc. and Hewlett-Packard Development Company, L.P. HP PRINTING AND COMPUTING SOLUTIONS, S.L.U. hereby authorizes HP Inc. and Hewlett-Packard Development Company, L.P., their successors, their assigns, their nominees, and their 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.

IN WITNESS WHEREOF, this Assignment is executed by a duly authorized representative of HP PRINTING AND COMPUTING SOLUTIONS, S.L.U.

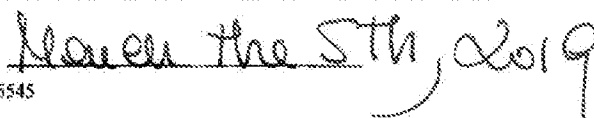
HP PRINTING AND COMPUTING SOLUTIONS, S.L.U.

By:

  
Alessandro Orsi

Title: Associate General Counsel -- IP Transactions

Date:

  
November 5th, 2019

Record ID No. 85675545

PATENT

REEL: 048574 FRAME: 0923

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

PATENT APPLICATION

RECORD ID: 85675545

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 HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

THREE-DIMENSIONAL OBJECT GENERATION

Filing Date: 01-14-2019

Application No.: 16/317783

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively 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 have full right to convey the entire interest herein assigned, 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 invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application 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

Salvador

Sanchez

First/Middle Name

Last Name

Inventor's Signature

18-Oct-2016

Date

Hector

Lebron

First/Middle Name

Last Name

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

PATENT APPLICATION

RECORD ID: 85675545

ASSIGNMENT OF PATENT APPLICATION (cont.)

Juan J Hernandez  
Inventor's Signature

10/19/16  
Date

Juan J Hernandez  
First/Middle Name Last Name

Inventor's Signature

Date

Emilio Carlos Cano  
First/Middle Name Last Name

Inventor's Signature

Date

First/Middle Name Last Name

Inventor's Signature

Date

First/Middle Name Last Name

Inventor's Signature

Date

First/Middle Name Last Name

Inventor's Signature

Date

First/Middle Name Last Name