#### 504381320 05/24/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4428015

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JUN ZENG	10/22/2014
HP PRINTING AND COMPUTING SOLUTIONS, S.L.U.	05/05/2017

### **RECEIVING PARTY DATA**

Name:	Hewlett-Packard Development Company, L.P.		
Street Address:	11445 Compaq Center Drive West		
City:	Houston		
State/Country:	TEXAS		
Postal Code:	77070		

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

Property Type	Number
Application Number:	15307745

## 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.

Phone: (541)715-8443 Email: ipa.mail@hp.com

**Correspondent Name:** HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 INTELLECTUAL PROPERTY Address Line 2:

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84548797
NAME OF SUBMITTER:	MONTSE DRUGUET
SIGNATURE:	/Montse Druguet/
DATE SIGNED:	05/24/2017

**Total Attachments: 2** 

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> **PATENT** 504381320

**REEL: 042484 FRAME: 0630** 

HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT	APPL	ICA"	TION

RECORD ID:	84044944

#### 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 2

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cooperation and assistance are paid by HPDC;

assigns, the entire right, title and interest, including the rentitled:	ight of priority, in, to and under an application for Patent	
GENERATION OF THREE-DIMENSIONAL OBJECTS		
Filing Date: 22 Sep 2014	Application No.: PCT/US2014/056789	
divisionals, and renewals of and substitutes for said applic	and any and all continuations, continuations-in-part (C-I-P's), cation for said Patent, and any and all other Patent of any e; and any reissues, or reexaminations, or extensions of said	
by HPDC, its successors, assigns, nominees or legal repres	ny/our name for Patent in any country, to be held and enjoyed sentatives, to the full end of the term or terms for which said as fully and entirely as the same would have been held and made;	
executed and will not execute any agreement in conflict here time a request is made, and without undue delay, execute an	ivey the entire interest herein assigned, and that I/we have not with, and I/we further covenant and agree that I/we will, each dideliver all such papers as may be necessary or desirable to application and said Patent, to HPDC, its successors, assigns,	

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.

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 daths 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

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		t my/our hand(s) an	10/22/20/5		
Inventor's Signators			Date		
Jun	Zeng				
First/Middle Name	Last Name				
inventor's Signature			Date	~~~~	
Scott A.	White				
First/Middle Name	Last Name				
Rev 8/2014 (Assignment)		Page 1 of 1			

#### ASSIGNMENT

WHEREAS, Jun ZENG, Sebastia CORTES I HERMS and Scott WHITE are inventor(s) of an invention subject to United States Patent Application Serial No. 15/307745 filed October 28th 2016 and entitled "GENERATION OF THREE-DIMENSIONAL OBJECTS"

WHEREAS, the said Sebastia CORTES I HERMS and Scott WHITE 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 1986 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 Houston, 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 the name of HP Inc 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 (a) the right to file and prosecute an application for Letters Patent for the above identified invention in each country worldwide, including, in particular, the Letters Patent for United States Patent Application:

> Serial No.: 15/307745

filed: October 28th, 2016

entitled: GENERATION OF THREE-DIMENSIONAL OBJECTS

and (b) the right to claim any and all priority rights, especially from the first-filed patent or utility model applications, relative to the above-identified invention, as well as (c) the right to obtain Letters Patents in each country and the right, title and interest in such Letters 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.

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

HP PRINTING AND ♦G SOLUTIONS, S.L.U.

By:

Alessandro Orsi

Title: Associate General Counsel - IP Transactions

Date:

**PATENT** REEL: 042484 FRAME: 0632

RECORDED: 05/24/2017