506513676 02/19/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6560451

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SHENG-DER TANG	08/22/2018	
ZHI LI	08/29/2018	
CHEE-KEONG CHONG	08/23/2016	
YUNFEI WU	08/23/2018	
LEI YANG	08/27/2018	

RECEIVING PARTY DATA

Name:	SIEMENS PRODUCT LIFECYCLE MANAGEMENT SOFTWARE INC.
Street Address:	5800 GRANITE PARKWAY
Internal Address:	SUITE 600
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024-6612

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17268758

CORRESPONDENCE DATA

Fax Number: (407)243-3175

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: 8774104634

Email: ipdadmin.us@siemens.com **Correspondent Name:** SIEMENS CORPORATION Address Line 1: 3850 QUADRANGLE BLVD Address Line 2: IP DEPT, MAIL CODE INT-244 Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	2018P10360WOUS
NAME OF SUBMITTER:	ANN HICKEY
SIGNATURE:	/ANN HICKEY/
DATE SIGNED:	02/19/2021

Total Attachments: 7 source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page1.tif source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page2.tif source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page3.tif

source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page4.tif

source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page5.tif

source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page6.tif

source=2018P10360WOUS_Signed_Assignment_Invs_To_SPLM#page7.tif

Docket No.: **2018P10360WO** Page 1 of 7

ASSIGNMENT

For good and valuable consideration, I (We),

Sheng-Der Tang, residing at 5041 Paseo Dali, Irvine, CA 92603, US, citizen of US
Zhi Li, residing at 8202 Gay Street, Cypress, CA 90630, US, citizen of US
Chee-Keong Chong, residing at 6 Salerno, Irvine, CA 92614, US, citizen of US
Yunfei Wu, residing at 6810 Brentmead Avenue, Arcadia, CA 91007, US, citizen of CN
Lei Yang, residing at 10555 Sausalito Court, Los Alamitos, CA 90720, citizen of CN

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to Siemens Product Lifecycle Management Software Inc., a corporation organized and existing under the laws of the State of DELAVVARE, having its principal place of business at 5800 Granite Parkway, Suite 600, Plano, 75024-6612, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED STATES OF AMERICA or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of UNITED STATES OF AMERICA or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filling date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: Internal Channel Network Detections for 3D Printing Filing Date: Filing Number:

Internal Case Number(s): 2018P10360WO

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and

IDNR: 1930 / 21,05,2015

Docket No.: 2018P10360WO Page 2 of 7

to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

- (II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional. continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and
- (III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mongage, license or other agreement affecting the rights and properly herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

CHEN-CHUNG KAD

Shenghlow lang Sheng-Der Tang

Angust 22, 2018
Date

Docket No.: 2018P10360WO

Page 3 of 7

Witness Signature

Zhi Li

orinted name

8/29/2018 Date

Docket No.: **2018P10360WO** Page 4 of 7

Witness Signature

Chee-Keong

8/23/ 2016

Date

Docket No.: **2018P10360WO** Page 5 of 7

8/23/2018

Jeffrey Kerr printed name

Docket No.: **2018P10360WO** Page 6 of 7

Yixing Liu printed name

Docket No.: **2018P10360WO** Page 7 of 7

Representative	e(s)	
Siemens Produ	uct Lifecycle Management Software Inc.	
Signature(s):	(in And	
Name(s):	James W. Rusk	
Title:	Senior VP and CTO	
Defec	0/14/10	
Date:		

PATENT REEL: 055334 FRAME: 0573

RECORDED: 02/19/2021