504726920 01/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4773644 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRA BARTON	08/22/2017
SUNIL KAPILA	08/09/2017
LAI YU LEO TSE	08/22/2017

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN			
Street Address:	1600 HURON PARKWAY			
Internal Address:	2ND FLOOR			
City:	ANN ARBOR			
State/Country:	MICHIGAN			
Postal Code:	48109-2590			

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15669441	

CORRESPONDENCE DATA

Fax Number: (248)689-4071

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: 248-689-3500 Email: tack@reising.com

JAMES D. STEVENS REISING ETHINGTON P.C. **Correspondent Name:**

Address Line 1: P.O. BOX 4390

Address Line 4: TROY, MICHIGAN 48099

ATTORNEY DOCKET NUMBER: 7935-3121-US2 NAME OF SUBMITTER: PAULA TACK **SIGNATURE:** /paula tack/ **DATE SIGNED:** 01/12/2018

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT** REEL: 044606 FRAME: 0699 504726920

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

[Hull Land Name of Assigned] 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 [Assigned Address] (hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entiand interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING [Patent Application Tallet]						
Paul Nome of Assignor 27 Paul Nome of Assignor 27 Paul Nome of Assignor 28 Paul Nome of Assignor 29 Paul Nome of Assign						
Lai Yu Leo TSE , residing at 910 West Stadium, Room B, Ann Arbor, Mi, 48103 Full Name of Isognor 31 , residing at	residing at 359 Los Cerros Drive, Greenbrae, CA 94904					
### ### ##############################						
, residing at						
The Regents of the University of Michigan The Regents of the University of The Regents of the University of Michigan The Regents of the University of						
The Regents of the University of Michigan [Full Legal Name of Assigned] 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 [Assigned Address] (hereinafter referred to as Assignee). its successors, assigns or other legal representatives, the entiand interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING [Placent Application Finder] including, but not limited to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,						
The Regents of the University of Michigan Full Legal Name of Acorgance 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 Hangare Address (hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entitlent and interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING Patent Application Filled Interest in the following patent application(s Application No. 62/370,936 filed August 4, 2016 Application No. 15/669,441 filed August 4, 2017 August 4, 2017 Application No. 15/669,441 filed August 4, 2017 August 4, 2017 Application No. 15/669,441 filed August 4, 2017 August 4, 2017 Application No. 15/669,441 filed August 4, 2017 August 4, 2017 Application No. 15/669,441 filed August 4, 2017 August 4, 2017 Application No. 15/669,441 filed August 4, 2017 August 4, 2017 August 4, 2017 Application No. 2018 August 4, 2017 August 4, 2017 August 4, 2017 Application No. 2018 August 4, 2017 August 4, 2018 Aug						
(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entiand interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING Patent Application Filed Patent Application Filed August 4, 2016 Application No. 62/370,936 filed August 4, 2017 Application No. 15/669,441 filed August 4, 2017 August 4, 2018 August 4, 201						
the land Name of Assigned 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 [Assigned Address] (hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entiand interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING [Patent Application Titlet] including, but not limited to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,	, located at					
(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entiand interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING Process Application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING Process Application for United to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,						
(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entiand interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING						
and interest, domestic and foreign, in and to any and all patent rights covering inventions and disforth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING Patent Application Title? Including, but not limited to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,						
forth in the application for United States Letters patent, entitled: FIBER-REINFORCED 3D PRINTING Patent Application Titled including, but not limited to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,						
FIBER-REINFORCED 3D PRINTING Paice Application Filled Paice August 4, 2016 Paice August 4, 2016 Paice August 4, 2017 Paice August 4,	scoveries set					
including, but not limited to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,						
including, but not limited to, the entire right, title and interest in the following patent application(s Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,						
Application No. 62/370,936 , filed August 4, 2016 , Application No. 15/669,441 , filed August 4, 2017 ,	· · · · · ·					
Application No. 15/669,441 , filed August 4, 2017 ,	s):					
Application No. PCT/US2017/45570 , filed August 4, 2017 .						
including the right of said Assignee, its successors, assigns or other legal representatives to make a including original, continuation, and divisional applications, and to receive Letters Patent continuations and discoveries in the United States and in any and all foreign countries. And the hereby assign, sell and set over to said Assignee, its successors, assigns or other legal representiables of priority in and to said patent applications in all countries. The Assignee and its agents are to insert the Serial Number and Filing Date of any such patent application(s) in the spaces provided. The undersigned hereby represent and warrant that no rights have been granted that are incontinuated the rights being granted herein. Further, the undersigned hereby agree to execute any and all paper applications for Letters Patent of any and all kinds and in any and all countries and to perform any which said Assignee, its successors, assigns or other legal representatives may deem necessare thereto the rights herein assigned, sold and set over. Date: August 22, 2017	overing said undersigned entatives, all e authorized d above. Insistent with rs, including and all acts					
Sunit KAPILA						
and the second s						
Carle CEC						
Lai Yu Leo TSE						
V						

REEL: 044606 FRAME: 0700

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Kira BARTON [Full Name of Assignor #1]	, residing at	816 Granger	Ave, Ann Arbor, MI, 48104 Residence Address?		
Sunil KAPILA [Full Name of Assignor #27]	, residing at 359 Los Cerros Drive, Greenbrae, CA 94904				
Lai Yu Leo TSE [Full Name of Assignor #3]	, residing at	910 West Sta	[Residence Address] adium, Room B, Ann Arbor, MI, 48 [Residence Address]	103	
[Full Name of Assignor #4]	, residing at	78087/A	[Residence Address]		
do hereby assign, sell ar	id set over to:				
***************************************	The Regents of the	University o	f Michigan	, located at	
160	00 Huron Parkway, 2nd	f Floor, Ann /	Arbor, Michigan 48109-2590		
(hereinafter referred to a and interest, domestic a forth in the application t	as Assignee), its succes nd foreign, in and to a	ssors, assigns my and all pa	or other legal representatives, the stent rights covering inventions as tled:	entire right, titlad discoveries se	
The second secon		INFORCED 3	D PRINTING	· · · · · · · · · · · · · · · · · · ·	
including, but not limite			st in the following patent applicat	ion(s):	
Application No.	62/370,936	, filed	August 4, 2016 ,		
Application No.	15/669,441	, filed	August 4, 2017 ,		
Application No	PCT/US2017/45570	, filed	August 4, 2017 ,		
including original, continuentions and discover hereby assign, sell and rights of priority in and to insert the Serial Number The undersigned he the rights being granted applications for Letters I	tinuation, and division ies in the United State set over to said Assign to said patent application ber and Filing Date of reby represent and was herein. Further, the ur Patent of any and all kings successors, assigns	nal applications and in any gnee, its success in all could any such pater rant that no indersigned he inds and in aror other legi	or other legal representatives to mons, and to receive Letters Patery and all foreign countries. And cessors, assigns or other legal resultries. The Assignee and its agest and application(s) in the spaces progrights have been granted that are reby agree to execute any and alluly and all countries and to performal representatives may deem not	ont covering said the undersigned presentatives, all its are authorized ovided above, inconsistent with papers, including an any and all acts	
Date: <u>Aug 9, 20</u>	17				
*			Kira BARTON		
			suid Kapila		
		•	Sunil KAPILA		
			Lei Yu Leo TSE		
		r		NACCON	

Return to James D. Stevens at Reising Ethington P.C., PO Box 4390, Troy, Michigan USA 48099-4390

PATENT REEL: 044606 FRAME: 0701

RECORDED: 01/12/2018