

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KUANG-TING HSIAO	10/17/2017
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF SOUTH ALABAMA	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17872548
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NAME OF SUBMITTER:	TRACI EBBERT	
SIGNATURE:	/Traci Ebbert/	
DATE SIGNED:	06/15/2023	
Total Attachments: 3		
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ASSIGNMENT OF PATENT APPLICATION

I, Kuang-Ting Hsiao, residing at 8850 Pine Run, Spanish Fort, AL 36527 ("Assignor") state that I am the original and sole inventor of the inventions relating to the

METHOD AND APPARATUS FOR 3D PRINTING

described in International Patent Application serial number PCT/US17/52783 (such inventions and description being the "inventions"). Assignor agrees to assign, and hereby does assign for good and valuable consideration, receipt and sufficiency of which are hereby expressly acknowledged, and hereby does sell, assign and transfer unto

University of South Alabama, 775 University Boulevard, Building II, Suite 150, Mobile, Alabama, USA (the "Assignee")

a nonprofit corporation organized under the laws of Alabama, USA, and its successors, assigns and legal representatives, Assignor's entire right, title and interest, for all countries in and to: (1) the inventions, (2) application serial number PCT/US17/52783 (the "Current Application") and any invention(s) (including without limitation, improvement(s)) set forth therein; and (3) any and all applications (and all rights and inventions therein) that claim the benefit of or priority to the Current Application, including without limitation any and all non-provisional applications, continuation applications, continuation-in-part applications, divisional applications, renewals, International applications, national stage applications, foreign counterpart applications, supplementary protection certificates, and substitutes (collectively "Future Applications"); and (4) all the rights and privileges under any and all Letters Patent that may be granted for any of the foregoing in any country, and any reissues, or reexaminations, or extensions thereof. Assignor requests that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I hereby authorize and request Assignee, its agents, or representatives to insert in the attached Appendix the country code, filing date, and application number of any Future Applications when known.

Assignor agrees that, when requested, Assignor will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

Assignor authorizes and empowers said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the Patent Cooperation Treaty, the Paris Convention, and the International Convention for the Protection of Industrial Property, as amended, or by any convention or treaty which may henceforth be substituted for said treaties and conventions, and to invoke and claim such right of priority without further written or oral authorization from me.

Assignor hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

Assignor represents and covenants with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that Assignor has full right to convey the same as herein expressed.

IN WITNESS WHEREOF, and with the intent to be bound, the inventor identified above signs his/her name hereto below.

ASSIGNOR

Kuang-Ting Hsiao
Kuang-Ting Hsiao

Oct. 17, 2017
Date

[PLEASE NOTARIZE AND ACKNOWLEDGE THE ASSIGNOR'S SIGNATURE]

State of Alabama, County of Mobile

I certify that I know or have satisfactory evidence that Kuang-Ting Hsiao is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Signature: Kathryn Ewing

[SEAL OR STAMP]

Dated: 10-17-17

My appointment expires: 5-5-18

ACCEPTED ON BEHALF OF UNIVERSITY OF SOUTH ALABAMA:

Lynne U. Chronister
Signature

10/19/17
Date

Lynne U. Chronister
Vice President for Research and
Economic Development

Title

[PLEASE NOTARIZE AND ACKNOWLEDGE ASSIGNEE'S SIGNATURE]

State of Alabama, County of Mobile

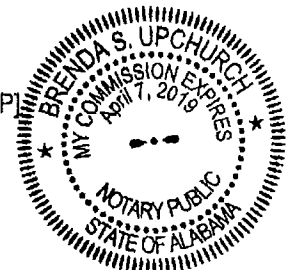
I certify that I know or have satisfactory evidence that Lynne Chronister is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Signature: Brenda S. Upchurch

[SEAL OR STAMP]

Dated: 10-19-17

My appointment expires: 4-7-19



APPENDIX:

[illegible]