

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL VAN TOOREN	08/22/2016
ZAFER GURDAL	08/22/2016
JOSHUA TARBUTTON	08/22/2016
RAMY HARIK	08/22/2016
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State/Country:	SOUTH CAROLINA
Postal Code:	29208
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17071393
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SIGNATURE:	/CHRISTINA L. MANGELSEN, REG. NO. 50244/
DATE SIGNED:	10/15/2020
Total Attachments: 3	
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source=USC-477-CON_Assignment-Signed_(USC)_pdf#page2.tif	

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Michael Johannes Leonardus van Tooren, a citizen of the Netherlands, with a mailing address of Osborne Administration Building, Suite 109, Columbia, SC 29208; Zafer Gurdal, a citizen of the United States, with a mailing address of Osborne Administration Building, Suite 109, Columbia, SC 29208; Joshua Tarbuton, a citizen of the United States, with a mailing address of Osborne Administration Building, Suite 109, Columbia, SC 29208 and Ramy Harik, a citizen of Lebanon, with a mailing address of Osborne Administration Building, Suite 109, Columbia, SC 29208, as assignors, have made an invention entitled

**"INTEGRATED ROBOTIC 3D PRINTING SYSTEM FOR PRINTING OF FIBER
REINFORCED PARTS"**

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 62/209,573, which was filed in the U.S. Patent and Trademark Office on 08/25/2015; and

WHEREAS, University of South Carolina, Osborne Administration Building, Suite 109, Columbia, South Carolina 29208, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and any and all Letters Patent to be issued upon this application and any and all Applications and Letters Patent claiming priority to this Letters Patent in any country;

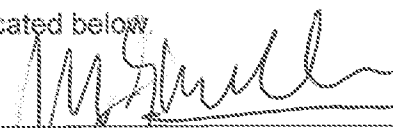
NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have assigned, transferred, and set over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and to any patent applications in any country claiming priority to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of this application and such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which

may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

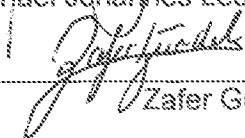
IN WITNESS WHEREOF, Assignors have executed this document on the date indicated below



Michael Johannes Leonardus van Tooren

08/22/16

Date



Zafer Gurdal

08/22/16

Date

Joshua Tarbutton

Date

Ramy Harik

Date

may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

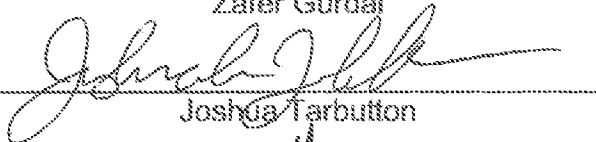
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Michael Johannes Leonardus van Tooren

Date

Zafer Gurdal

Date



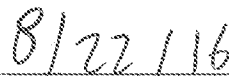
Joshua Tarbutton



Date

Ramly Harik

Date



Date