## 505280373 01/16/2019

# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5327145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL VAN TOOREN	01/15/2019

### **RECEIVING PARTY DATA**

Name:	UNIVERSITY OF SOUTH CAROLINA	
Street Address:	OSBORNE ADMINISTRATION BLDG., SUITE 109	
City:	COLUMBIA	
State/Country:	SOUTH CAROLINA	
Postal Code:	29208	

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

Property Type	Number
Application Number:	16306034

#### **CORRESPONDENCE DATA**

**Fax Number:** (864)233-7342

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:** (864) 271-1592

Email: USDOCKETING@DORITY-MANNING.COM,

CJOHNSON@DORITY-MANNING.COM

Correspondent Name: DORITY & MANNING, P.A.

Address Line 1: P.O. BOX 1449

Address Line 4: GREENVILLE, SOUTH CAROLINA 29602-1449

ATTORNEY DOCKET NUMBER:	USC-389-PCT-US (1074)	
NAME OF SUBMITTER:	CHRISTINA L. MANGELSEN	
SIGNATURE:	/Christina L. Mangelsen, Reg. No. 50244/	
DATE SIGNED:	01/16/2019	

**Total Attachments: 2** 

source=USC-389-PCT-US\_Assignment-Signed\_pdf#page1.tif source=USC-389-PCT-US\_Assignment-Signed\_pdf#page2.tif

PATENT 505280373 REEL: 048019 FRAME: 0937

ATTORNEY DOCKET NO.: USC-389-PCT-US (1074)

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, I, Michael Van Tooren, a citizen of The Netherlands, having a business

address c/o University of South Carolina, Osborne Administration Building, Suite 109, Columbia,

SC 29208, as assignor, have made an invention entitled:

"WELDING HEAD AND METHOD FOR USE WITH POLYMERIC COMPONENTS"

as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 16/306,034,

which was filed in the U.S. Patent and Trademark Office on November 30, 2018; and in the

International Patent Application filed under the Patent Cooperation Treaty (PCT) within the U.S.

Patent and Trademark Office and bearing International Application No. PCT/US2017/035587,

filed on June 2, 2017; and

WHEREAS, University of South Carolina, Osborne Administration Building, Suite 109,

Columbia, SC 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 the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt

of which from assignee is hereby acknowledged, I, as assignor, have assigned, transferred, and set

over, and do hereby assign, transfer, and set over unto the assignee, its lawful successors and

assigns, my entire right, title, and interest in and 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 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 I 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, I HEREBY covenant that I have the full right to convey the interest assigned by this

Assignment, and I have not executed, and will not execute any agreement in conflict with this

Assignment;

Page 1 of 2

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me 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, Assignor has executed this document on the date indicated below.

Michael Van Tooren

1/15/2019

Date