

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5570297

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAUL CHRISTOPHER BOULWARE	04/25/2016
CHRISTOPHER C. CONRARDY	04/25/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EDISON WELDING INSTITUTE, INC.
<b>Street Address:</b>	1250 ARTHUR E. ADAMS DRIVE
<b>City:</b>	COLUMBUS
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43221
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16439959
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)241-0816
<i>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.</i>	
<b>Email:</b>	ipdocket@calfee.com
<b>Correspondent Name:</b>	BILLY C. RAULERSON
<b>Address Line 1:</b>	CALFEE, HALTER & GRISWOLD LLP
<b>Address Line 2:</b>	THE CALFEE BUIDLING, 1405 EAST SIXTH STREET
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	22976/04232
<b>NAME OF SUBMITTER:</b>	JENNY SHAW
<b>SIGNATURE:</b>	/Jenny Shaw/
<b>DATE SIGNED:</b>	06/13/2019
<b>Total Attachments: 2</b>	
source=Executed_Assignment_-_Boulware___Conrardy_to_EWI_Final_#page1.tif	
source=Executed_Assignment_-_Boulware___Conrardy_to_EWI_Final_#page2.tif	

**ASSIGNMENT**

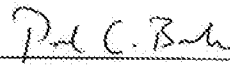
For good and valuable consideration received from the hereinafter named assignee, receipt of which is hereby acknowledged, we, the undersigned, Paul Christopher BOULWARE, residing at 2516 Brixton Road, Columbus, Ohio 43221, and Christopher C. CONRARDY, residing at 865 Crownwood Drive, Columbus, Ohio 43228, hereby assign to Edison Welding Institute, Inc., an Ohio non-profit corporation with an address at 1250 Arthur E. Adams Drive, Columbus, Ohio 43221, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

**SYSTEM FOR CHARACTERIZING MANUAL WELDING OPERATIONS**

set forth in the application for United States Letters Patent Application Serial Number 15/077,532, filed March 22, 2016 (Attorney Docket: 22976/04180), said application for United States Letters Patent, and any and all other applications for Letters Patent on said inventions in the United States and in all countries foreign to the United States, including but not limited to all provisional, non-provisional, national, divisional, renewal, substitute, continuation, PCT and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned

if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and the testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Date: 4.25.2016

  
Paul Christopher BOWLE

Date: 4-25-16

  
Christopher C. CONRARDY