

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3921281

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CRAIG S. KNOENER	06/09/2016
	JAKE B. ZWAYER	06/09/2016
	ZACHARY W. MACMULLEN	06/09/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ILLINOIS TOOL WORKS INC.	
<b>Street Address:</b>	155 HARLEM AVENUE	
<b>City:</b>	GLENVIEW	
<b>State/Country:</b>	ILLINOIS	
<b>Postal Code:</b>	60025	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15179286	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(920)954-1098	
<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>Phone:</b>	920-954-1099	
<b>Email:</b>	george.corrigan@corrigan.pro	
<b>Correspondent Name:</b>	GEORGE R. CORRIGAN	
<b>Address Line 1:</b>	2168 COLLADAY POINT DRIVE	
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<b>ATTORNEY DOCKET NUMBER:</b>	ITW 66095	
<b>NAME OF SUBMITTER:</b>	GEORGE R. CORRIGAN	
<b>SIGNATURE:</b>	/George R. Corrigan/	
<b>DATE SIGNED:</b>	06/16/2016	
<b>Total Attachments: 2</b>		
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source=66095-2016-06-07-assignment-signed#page2.tif		

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventor

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR(S):**

Craig S. Knoener  
W5421 Amy Ave  
Appleton, WI 54915  
USA

Jake B. Zwyer  
310 River Drive  
Appleton, WI 54915  
USA

Zackary W. MacMullen  
6381 County Road II  
Larsen, WI 54947  
USA

hereby sells, assigns and transfers to

**ASSIGNEE:**

Illinois Tool Works Inc.  
155 Harlem Avenue  
Glenview, IL 60025  
USA

State of Formation: Delaware

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

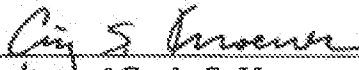
Method and System for Short-Arc Welding

and which is found in (37 C.F.R. Section 3.21) U.S. patent application executed on even date herewith, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

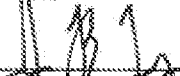
ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

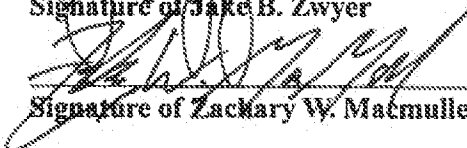
Date: 6/9/16

  
Signature of Craig S. Knoener

Date: 6/9/16

  
Signature of Jake B. Zwyer

Date: 6/9/16

  
Signature of Zachary W. Matmullen