# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WILLIAM J. BECKER	12/19/2013
JAMES M. WALKER	01/06/2014
JEREMY J. ERDMANN	12/19/2013

# **RECEIVING PARTY DATA**

Name:	ILLINOIS TOOL WORKS INC.
Street Address:	155 HARLEM AVENUE
City:	GLENVIEW
State/Country:	ILLINOIS
Postal Code:	60025

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16014162

# **CORRESPONDENCE DATA**

**Fax Number:** (312)775-8100

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Correspondent Name: ITW C/O MCANDREWS HELD & MALLOY

Address Line 1: 500 WEST MADISON STREET

Address Line 2: SUITE 3400

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ATTORNEY DOCKET NUMBER:	62385US02 (62309-US-A)
NAME OF SUBMITTER:	MATTHEW S. RUDD
SIGNATURE:	/Matthew S. Rudd/
DATE SIGNED:	06/21/2018

#### **Total Attachments: 4**

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#### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Illinois Tool Works Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 3600 West Lake Avenue, Glenview, Illinois 60026-1215, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which is entitled "FEEDBACK FROM A WELDING TORCH OF A WELDING SYSTEM," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 52145 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and without further consideration, but at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information			
U.S. Provisional Application Serial No.	, filed on		
U.S. Non-Provisional Application Serial No. 14/149,273	, filed on January 7, 2014		
International Application Serial No.	, filed on		

INVENTOR:		
Signature:	William J. Becker	Date: <u>Dec 17, 2013</u>
Witnessed by:	St. O. Ald Signature Steven D. Holden	Date: 12/19/13
	Printed Name of Witness	
Witnessed by:	Math J. Boya Signature	Date: 12 /19 /13
	Printed Name of Witness	
SECTION	ON BELOW IS FOR USE ONLY IF SIGNING IN PRES	ENCE OF A NOTARY
William J. B	ecker	Date:
STATE OF	) ).§§. )	
to me person	day of, before me persally known as the individual who executed the foregoing same of his/her own free will for the purposes therein set for	assignment, who acknowledged to me that he/she
Seal	(Notary Public)	

INVENTOR:		02000002 (02000 00
Signature:	James M. Walker	Date; <u>1/6/2014</u>
Witnessed by:	Signature	Date: 1/6/2014
	Printed Name of Witness	
Witnessed by:	Martin J  Signature  Martin J  Printed Name of Witness	Boys Date: 1/6/2014
	Printed Name of Witness	
SECTIO	ON BELOW IS FOR USE ONLY IF S	GNING IN PRESENCE OF A NOTARY
James M. Wi	ılker	Date:
STATE OF	) ) §§. )	
	day of,,,,,,,, ally known as the individual who execuame of his/her own free will for the pur	before me personally came the above-named James M. Walker, ted the foregoing assignment, who acknowledged to me that he/she coses therein set forth.
Seal	, <del></del>	(Notary Public)

PATENT: Assignment 62385US02 (62309-US-A)

INVENTOR:				62385US02 (62309-US-
Signature:	emy J. Erdmann		Date:	9/2013
Witnessed by:	Thu D. HL Signature		Date:	14/13
<u> </u>	Yeven P. 1 Printed Name of W	f		
Witnessed by:		J. Boyco	Date:/2_	/19/13
,	Man In Printed Name of V	J Boyce		
SECTION E	SELOW IS FOR USE OF	NLY IF SIGNING IN PRES	ENCE OF A NOTAR	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Jeremy J. Erdma	nn		Date:	
STATE OF	) ) §§. )			
This Erdmann, to me that he/she execute	day of personally known as the ed the same of his/her own	,before me individual who executed the n free will for the purposes th	e personally came the foregoing assignment, terein set forth.	above-named Jeremy J. who acknowledged to me
Seal		(Notary Public)		-

PATENT REEL: 046161 FRAME: 0975

**RECORDED: 06/21/2018**