503462014 09/01/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN M. DAUTENHAHN	03/20/2014

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:	14842226

CORRESPONDENCE DATA

Fax Number: (617)395-7070

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: (617) 395-7039

Email: KFNPatents@LALaw.com

Correspondent Name: LANDO & ANASTASI LLP

Address Line 1: RIVERFRONT OFFICE PARK

Address Line 2: ONE MAIN STREET

Address Line 4: CAMBRIDGE, MASSACHUSETTS 02142

ATTORNEY DOCKET NUMBER:	E2005-721240(65379-A)
NAME OF SUBMITTER:	KEITH F. NOE
SIGNATURE:	/Keith F. Noe/
DATE SIGNED:	09/01/2015

Total Attachments: 2

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PATENT 503462014 REEL: 036469 FRAME: 0587

COPY FROM PARENT CASE Attorney Docket No.: E2005-721119(65342)

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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned **Jonathan M. Dautenhahn** of 314 Kadie Lane, Linn Creek, Missouri 65052, hereby:

Sell, assign and transfer to ILLINOIS TOOL WORKS INC., a Delaware corporation having a place of business at 155 Harlem Avenue, Glenview, Illinois 60025, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

	February 25, 2014		
**************************************	Enter Filing Date Above		
under Application Serial No	14/189,743	and	
Entitled PRE-HEATER LATO	CH AND SEAL MECHANISM	M FOR WA	VE SOLDER
MACHI	NE AND RELATED METH	OD,	

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

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Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

3/20	14	Qu. L	- Me Date of	
Date /	1	Jonathan N	I. Dautenhahn	
ST CC	TATE OF Missounty OF Car	Odri :		
pul	blic, personally apner), proved to me	peared <u>Jonethan MD</u> e through satisfactory evidence	fore me, the undersigned notary name of document ce of identification, which were n whose name is signed on the	
pre	eceding or attached	I document, and acknowledg	ed to me that (he) (she) signed	
itv	voluntarily for its s (SEAL)	Printed name of Notary: My commission expires:		

SANDRA McGUIRE
Notary Public - Notary Seal
STATE OF MISSOURI
Camden County
Commission # 10392251
My Commission Expires: 12/11/2014

PATENT REEL: 036469 FRAME: 0589

RECORDED: 09/01/2015