504979690 06/27/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5026436

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATHAN JOE JOCHMAN	07/09/2009

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:	15295629

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 312-775-8000

Email: mhmpto@mcandrews-ip.com

Correspondent Name: MCANDREWS, HELD & MALLOY, LTD.

Address Line 1: 500 W. MADISON ST.
Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	62243US03 (21124-A)
NAME OF SUBMITTER:	CHAD A. PAHNKE
SIGNATURE:	/Chad A. Pahnke/
DATE SIGNED:	06/27/2018

Total Attachments: 2

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PATENT 504979690 REEL: 046214 FRAME: 0685

PATENT: Assignment 22150

ASSIGNMENT

For valuable and sufficient consideration from **Illinois Tool Works Inc.** (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at 3600 West Lake Avenue, Glenview, Illinois 60026-1215, receipt of such consideration being hereby acknowledged, I/we,

Nathan Joe Jochman of Appleton, Wisconsin - USA

hereby sell and assign and convey unto Assignee, its successors and assigns, my/our entire right, title and interest:

in and to an invention entitled "IMPROVED AIR FLOW METHODS AND SYSTEMS FOR A

(1)

			PCT Patent Application and/or United States, which received Application
No(s).		, and, if applicable, which	claims the benefit of United States Provisional
Applica	ation No(s).	filed on	;
(2) I/we pr			LOW IN A WELDER-GENERATOR" for which No(s). 61/080,880 filed on July 15, 2008; and
Provisi States reissue patents	onal Application(s) an and countries foreigr applications, and le granted thereon or i	nd in and to all other patent ap to the United States (including gal equivalents thereof) based	atent Application and/or United States plications now or hereafter filed in the United g divisional, continuation, reexamination, and upon said invention, and in and to the patent or ssues or the like thereof, if any, to the full end of granted or issued.

I/we authorize and request that any attorney associated with PTO Customer No. 52145 may insert additional information identifying said PCT Patent Application, United States Patent Application and/or United States Provisional Application(s) after execution of this agreement;

I/we agree that any patent applications of any countries foreign to the United States which may be filed under any applicable international treaties and/or conventions based upon said invention(s) shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention(s).

I/we hereby further agree that I/we shall, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.

I/we hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any and all above-identified patents to Assignee.

PATENT: Assignment 22150

7-9-09,2009	Nathan Joe Jochman
State of Westinia) §§ County of Outogame §§	
This <u>H</u> day of, 2009, bei	
who acknowledged to me that he executed the same of it	nis own free will for the purposes therein set forth.
(SEAL)	Monatory Public, State of Was Gornes My Commission: 6/12/2012