505891552 01/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5938253

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DORIVAL GONÇALVES TECCO	12/22/2014

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:	15539325

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: 3127758000

Email: mhmpto@mcandrews-ip.com

Correspondent Name: MCANDREWS, HELD & MALLOY, LTD.

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Address Line 2: 34TH FL.

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ATTORNEY DOCKET NUMBER:	61814US01 (65826-US)
NAME OF SUBMITTER:	CHAD A. PAHNKE
SIGNATURE:	/Chad A. Pahnke/
DATE SIGNED:	01/30/2020

Total Attachments: 2

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PATENT 505891552 REEL: 051759 FRAME: 0613

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 155 Harlem Avenue, Glenview, Illinois 60025, 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 "INLINE PLASMA-BASED SYSTEM AND METHOD FOR THERMAL TREATMENT OF CONTINUOUS PRODUCTS," 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 filled 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.

	North Property	2000 51	San State Contract		 Harrie Grandin
	Additiona	l Application	Information		
U.S. Provisional Application Serial No				filed on	i ain an a
U.S. Non-Provisional Application Scri	4.0			filed on	
International Application Serial No				filed on	

PATENT REEL: 051759 FRAME: 0614

PATENT: Assignment 65826 (ITWO:0909)

NVENTOR 1:			는 이름 다른 생물의 후에 가는 마닷컴 발견을 모르는 것이다. 하나 있는 것이 없는 것은 사람이 되는 것이다. 그 기술부터
Signature: 스	Joriyal Gonçalives Fecco		Date: 22 December 2014
Witnessed by: _	Zignature		. Date: <u>22 December 20</u> 8
	AM AUCI SIN	NOES ess	
Witnessed by:	loque A Danso	•	Date: 22 December 2014
	, Gigitatus C		그리는데 그 사이들은 저는데 살아보다 개발 됐다면 불편
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SECTION Dorival Gonçal	Printed Name of Witne Printed Name of Witne BELOW IS FOR USE ONLY	iss IF SIGNING IN PRI	
SECTION Dorival Gonçal STATE OF COUNTY OF This Fecco, to me p	Printed Name of Witner Printed Name of Witner BELOW IS FOR USE ONLY ves Teccs) } \$ day of	IF SIGNING IN PRI	personally came the above-named Dorival Gonçalves foregoing assignment, who acknowledged to me that

RECORDED: 01/30/2020

PATENT

REEL: 051759 FRAME: 0615