502986102 09/22/2014

EPAS ID: PAT3032701

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRUCE PATRICK ALBRECHT	09/12/2014
CHRISTOPHER HSU	09/10/2014

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:	14328449

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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: 281-970-4545

Email: docket@fyiplaw.com

Correspondent Name: FLETCHER YODER/ILLINOIS TOOL WORKS INC.

Address Line 1: P.O. BOX 692289

Address Line 4: HOUSTON, TEXAS 77269-2289

ATTORNEY DOCKET NUMBER:	62142 (ITWO:0755)
NAME OF SUBMITTER:	STEPHEN M CORDES
SIGNATURE:	/Stephen M Cordes/
DATE SIGNED:	09/22/2014

Total Attachments: 3

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PATENT 502986102 REEL: 033790 FRAME: 0153

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 "ADDITIVE MANUFACTURING SYSTEM FOR JOINING SURFACE OVERLAY," 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. 61/846,935	, filed on <u></u>		
U.S. Non-Provisional Application Serial No. <u>14/328,449</u>	, filed on <u></u>		
International Application Serial No.	, filed on		

PATENT REEL: 033790 FRAME: 0154

INVENTOR:		
Signature:	Bruce Patrick Albrecht	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	
Witnessed by:	Signature	Date:
	Printed Name of Witness	
SECTIO	ON BELOW IS FOR USE ONLY IF SIGNING IN	PRESENCE OF A NOTARY
Bruce Patric	k Albrecht	Date: 1/2//
STATE OF	WI ; Qutaganie	
This Albrecht, to he/she execut	day of <u>September</u> , <u>2014</u> before personally known as the individual who execute the same of his/her own free will for the purposes	re me personally came the above-named Bruce Patrick d the foregoing assignment, who acknowledged to me tha therein set forth.
Seal	Kathleen (Notary P	M. Keddell Public) unission Expires 5-8-17
N	LEEN M. KEDDELL, Notary Public le of Wisconsin	imission Expires 5-8-17

PATENT REEL: 033790 FRAME: 0155

INVENTOR:		
Signature:	Christopher Hsu	Date:
Witnessed by:	Signature	Date:
	Printed Name of Witness	
Witnessed by:	Signature	Date:
	Printed Name of Witness	
SECTIO	N BELOW IS FOR USE ONLY IF SIGNING IN PI	RESENCE OF A NOTARY
Christopher	Hsu	Date: 9/10/2014
STATE OF	WI) Outagamie	
This me personally	10th day of Sestember, 2014 before me	e personally came the above-named Christopher Hsu , to ssignment, who acknowledged to me that he/she executed
Seal	Hathleen W. (Notary Pub	1. Keddell ission Expires 5-8-17
Nota	N M. KEDDELL ary Public of Wisconsin	mion expues so "

RECORDED: 09/22/2014

PATENT REEL: 033790 FRAME: 0156