504515004 08/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES T. TISOL JR.	07/11/2012
BROCK T. COOLEY	07/11/2012
BENJAMIN H. MOERKE	07/11/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15683806

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 60891-A (500-167US2)

NAME OF SUBMITTER: JOSEPH M. BUTSCHER

SIGNATURE: /Joseph M. Butscher/

DATE SIGNED: 08/23/2017

Total Attachments: 1

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PATENT 504515004 REEL: 043362 FRAME: 0977

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,

James S. Tisol Jr. Chippewa Falls, WI c/o Illinois Tool Works Inc. 3600 West Lake Avenue Glenview, IL 60026

Brock T. Cooley Bloomer, WI c/o Illinois Tool Works Inc. 3600 West Lake Avenue Glenview, IL 60026

Benjamin H. Moerke Chippewa Falls, WI c/o Illinois Tool Works Inc. 3600 West Lake Avenue Glenview, IL 60026

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

- (1) in and to an invention entitled "SYSTEM AND METHOD OF MANUFACTURING A TWO-PART FASTENER" for which I/we have executed a PCT Patent Application and/or United States Patent Application on even date herewith, and, if applicable, which claims the benefit of United States Provisional Application No(s). 61/541,249 filed on September 30, 2011;
- (2) in and to an invention entitled "SYSTEM AND METHOD OF MANUFACTURING A FASTENER" for which I/we previously filed United States Provisional Application No(s). 61/541,249 on September 30, 2011;
- (3) in and to said PCT Patent Application, United States Patent Application and/or United States Provisional Application(s) and in and to all other patent applications now or hereafter filed in the United States and countries foreign to the United States (including divisional, continuation, reexamination, and reissue applications, and legal equivalents thereof) based upon said invention, and in and to the patent or patents granted thereon or issued therefrom, including reissues or the like thereof, if any, to the full end of the term or terms for which said patent or patents may be granted or issued.

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.

1) James Kirich Jr. 7/11/12 2) Brock T. Cooley July Date

3) Bryann H. Moerke 7/11/12

Benjamin H. Moerke Date

PATENT **REEL: 043362 FRAME: 0978**

RECORDED: 08/23/2017