#### 504533035 09/05/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4579742

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
JONATHAN P. LEBLANC	03/28/2016
BRENDAN G. METZ	04/11/2016
WILLOW L. CURTIN	02/25/2016

#### **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:	15555836

#### CORRESPONDENCE DATA

Fax Number: (314)584-4062

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: 314-584-4080

Email: docket@splglaw.com

SMALL PATENT LAW GROUP LLC Correspondent Name:

Address Line 1: 225 S. MERAMEC, STE.725 Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 65958-US (500-0235US1)		
NAME OF SUBMITTER:	JOSEPH M. BUTSCHER	
SIGNATURE:	/Joseph M. Butscher/	
DATE SIGNED:	09/05/2017	

### **Total Attachments: 3**

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**PATENT REEL: 043490 FRAME: 0400** 504533035

# 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 155 Harlem Avenue, Glenview, Illinois 60025, receipt of such consideration being hereby acknowledged, I/we,

Jonathan P. LeBlanc
Lake In The Hills, IL
c/o Illinois Tool Works Inc.
155 Harlem Avenue
Glenview, IL 60025

Brendan G. Metz
Crystal Lake, IL

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 "SPRING-BIASED VALVE ASSEMBLY" for which I/we have executed a PCT Patent Application PCT/US2016/018629 filed on February 19, 2016, and, if applicable, which claims the benefit of United States Provisional Application No. 62/130,701 filed on March 10, 2015;
- (2) in and to an invention entitled "VALVE ASSEMBLY" for which I/we previously filed United States Provisional Application No. 62/130,701 on March 10, 2015; and
- (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)	Neme	3/25/16 2 Date	2) Name	Date
3)	Name	Date		

PATENT REEL: 043490 FRAME: 0401

## 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 155 Harlem Avenue, Glenview, Illinois 60025, receipt of such consideration being hereby acknowledged, I/we,

Jonathan P. LeBlanc Brenda:
Lake In The Hills, IL Crystal
c/o Illinois Tool Works Inc. c/o Illi
155 Harlem Avenue 155 Ha
Glenview, IL 60025 Glenvie

Brendan G. Metz Crystal Lake, IL c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

Willow L. Curtin Crystal Lake, IL c/o Illinois Tool Works Inc.

155 Harlem Avenue Glenview, IL 60025

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 "SPRING-BIASED VALVE ASSEMBLY" for which I/we have executed a PCT Patent Application PCT/US2016/018629 filed on February 19, 2016, and, if applicable, which claims the benefit of United States Provisional Application No. 62/130,701 filed on March 10, 2015;
- (2) in and to an invention entitled "VALVE ASSEMBLY" for which I/we previously filed United States Provisional Application No. 62/130,701 on March 10, 2015; and
- (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) Name	4/11/16 2) Name	Date
3)Name	Date	

PATENT REEL: 043490 FRAME: 0402

65958

#### 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 155 Harlem Avenue, Glenview, Illinois 60025, receipt of such consideration being hereby acknowledged, I/we,

Jonathan P. LeBlanc Lake In The Hills, IL c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

Brendan G. Metz Crystal Lake, IL c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025 Willow L. Curtin Crystal Lake, IL c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

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

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- (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)	2	)		
Name	Date	Name	Date	
3) Willow L. Curin	2-25-2016 Date			

PATENT REEL: 043490 FRAME: 0403

**RECORDED: 09/05/2017**