## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4781734

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DR. CHRISTIAN J. HOEHL	06/28/2016
MARTIN A. PETERSON	07/13/2016
ROY D. ALLEN	06/27/2016

### **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:	15745811

### **CORRESPONDENCE DATA**

**Fax Number:** (212)609-6921

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:** 212-609-6800

**Email:** psorge@mccarter.com

Correspondent Name: MCCARTER & ENGLISH LLP ACCOUNT: ILLINOI

Address Line 1: 825 EIGHTH AVENUE

Address Line 2: 31ST FLOOR

Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER: 121972-00219

NAME OF SUBMITTER: RONALD E. BROWN

SIGNATURE: /Ronald E. Brown/

DATE SIGNED: 01/18/2018

**Total Attachments: 3** 

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PATENT 504735008 REEL: 044654 FRAME: 0310

### 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,

Dr. Christian J. Hoehl Boston, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

Martin A. Peterson Wrentham, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025 Roy D. Allen North Andover, MA 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 "FIELD SPLITTER FOR THREE-DIMENSIONAL STRAIN MEASUREMENT" 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. 62/210,513 filed on August 27, 2015;
- (2) in and to an invention entitled "FIELD SPLITTER FOR THREE-DIMENSIONAL STRAIN MEASUREMENT" for which I/we previously filed United States Provisional Application No. 62/210,513 on August 27, 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) MAN	06/28/20	7/6 2)		
Dr. Christian J. Hoehl	Date	Martin A. Peterson	Date	
			7	
3) Roy D. Allen	Date	<del></del>		

PATENT REEL: 044654 FRAME: 0311

## 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,

Dr. Christian J. Hoehl Boston, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

Martin A. Peterson Wrentham, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

Roy D. Allen North Andover, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

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- (2) in and to an invention entitled "FIELD SPLITTER FOR THREE-DIMENSIONAL STRAIN MEASUREMENT" for which I/we previously filed United States Provisional Application No. 62/210,513 on August 27, 2015; and
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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) Mark Plater - 07/13/16		
Dr. Christian J. Hoehl	Date	Martin A. Peterson	Date
3)			
Roy D. Allen	Date		

PATENT REEL: 044654 FRAME: 0312

# 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,

Dr. Christian J. Hoehl Boston, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL. 60025 Martin A. Peterson Wrentham, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL. 60025 Roy D. Allen North Andover, MA c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

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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.

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1)		2)	
Dr. Christian J. Hoehl	Date	Martin A. Peterson	Date
3) AFRICE	6/2	×/16	
Roy D. Allen	Date		

PATENT RECORDED: 01/18/2018 REEL: 044654 FRAME: 0313