### 502035172 08/23/2012

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Kenneth R LEVEY	01/17/2011
Phillip C Johnson	01/18/2011
Jeffrey L TRZASKUS	01/19/2011

#### RECEIVING PARTY DATA

Name:	ILLINOIS TOOL WORKS INC
Street Address:	3600 West Lake Avenue
City:	Glenview
State/Country:	ILLINOIS
Postal Code:	60026

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13580768

#### CORRESPONDENCE DATA

 Fax Number:
 8477244160

 Phone:
 847-657-4073

 Email:
 bjhgroup@ipfirm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: ILLINOIS TOOL WORKS INC.

Address Line 1: 3600 WEST LAKE AVENUE

Address Line 2: PATENT DEPARTMENT

Address Line 4: GLENVIEW, ILLINOIS 60025

ATTORNEY DOCKET NUMBER: 23038 (713-2531)

NAME OF SUBMITTER: Benjamin J. Hauptman

Total Attachments: 2

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PATENT REEL: 028837 FRAME: 0287

## 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.

- 1) KENNETH R. LEVEY 943 WILD GINGER TRAIL WEST CHICAGO, ILLINOIS 60185
- 2) PHILLIP C. JOHNSON 2807 CHAMPION ROAD NAPERVILLE, ILLINOIS 60564

3) JEFFREY L. TRZASKUS 1610 GREENWOOD STREET EVANSTON, ILLINOIS 60201

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

- (1) in and to an invention entitled "WAVE THREAD FORM" 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). 61/308,703 filed on FEBRUARY 26, 2010;
- (2) in and to an invention entitled "WAVE THREAD FORM" for which I/we previously filed United States Provisional Application No(s). 61/308,703 filed on FEBRUARY 26, 2010; 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 author	ize the Commissione	er of Patents and Trademarks of the U	nited States and
all other appropriate government off	icials for applicable of	countries foreign to the United States	to issue any and
all above-identified patents/to/Xssign  1) James Kenneth R.Leves	10e. /-/7-// Date	2) Name: Phillip C. Johnson	
3) Name: Jeffrey L. Trzaskus	Date		

PATENT REEL: 028837 FRAME: 0288

## 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,

- 1) KENNETH R. LEVEY 943 WILD GINGER TRAIL WEST CHICAGO, ILLINOIS 60185
- 2) PHILLIP C. JOHNSON 2807 CHAMPION ROAD NAPERVILLE, ILLINOIS 60564

3) JEFFREY L. TRZASKUS 1610 GREENWOOD STREET EVANSTON, ILLINOIS 60201

RECORDED: 08/23/2012

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 "WAVE THREAD FORM" 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). 61/308,703 filed on FEBRUARY 26, 2010;
- (2) in and to an invention entitled "WAVE THREAD FORM" for which I/we previously filed United States Provisional Application No(s). 61/308,703 filed on FEBRUARY 26, 2010; 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)		2)	
Name: Kenneth R. Levev	Date	Name: Phillip C. Johnson	Date
3) Offy Tyalus	1-19-11		
3) /// 3/ // // // // // // // // // // //	Date		

PATENT REEL: 028837 FRAME: 0289