### 505746794 10/29/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUWIT JOHN SANGKARATANA	10/29/2019

#### **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:	16667190

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	67957-US (500-2096US)	
NAME OF SUBMITTER:	MARY D. LAWLOR	
SIGNATURE:	/Mary D. Lawlor/	
DATE SIGNED:	10/29/2019	

**Total Attachments: 1** 

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PATENT 505746794 REEL: 050854 FRAME: 0437

## 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,

Suwit John Sangkaratana Crown Point, Indiana c/o Illinois Tool Works Inc. 155 Harlem Avenue Glenview, IL 60025

Daniel Szumski
Saint John, Indiana
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 "THERMAL TRANSFER RIBBON ASSEMBLY COMPRISING A METAL LAYER AND A PROTECTIVE COATING LAYER" 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). filed on;
- (2) in and to an invention entitled "THERMAL TRANSFER RIBBON ASSEMBLY COMPRISING A METAL LAYER AND A PROTECTIVE COATING LAYER" for which I/we previously filed United States Provisional Application No. 62/753,428 October 31, 2018; 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.

Suwi John Sangkaratana

Date

Daniel Szumski

10/29/2019 Date

PATENT REEL: 050854 FRAME: 0438

RECORDED: 10/29/2019