503058127 11/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ylesheet Version v1.2

EPAS ID: PAT3104729

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRADLEY SCOTT WITHERS	11/10/2014
ERIK SCOTT NELSON	11/10/2014
ROBERT ALLEN WILLIS	11/04/2014

RECEIVING PARTY DATA

Name:	ILLINOIS TOOL WORKS INC.
Street Address:	3600 WEST LAKE AVENUE
City:	GLENVIEW
State/Country:	ILLINOIS
Postal Code:	60026-1215

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14537707

CORRESPONDENCE DATA

Fax Number: (773)570-3328

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: 7735703330

Email: mcooper@kandrip.com
Correspondent Name: LINDA PALOMAR

Address Line 1:KLINTWORTH & ROZENBLAT IP LLCAddress Line 2:850 W. JACKSON BLVD, SUITE 525

Address Line 4: CHICAGO, ILLINOIS 60607

ATTORNEY DOCKET NUMBER:	ITW01-073-US
NAME OF SUBMITTER:	LINDA PALOMAR
SIGNATURE:	/Linda Palomar/
DATE SIGNED:	11/12/2014

Total Attachments: 2

source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif

PATENT 503058127 REEL: 034154 FRAME: 0649

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, we,

Bradley Scott Withers 4605 Beechwood Drive El Dorado Hills, CA 95762

Erik Scott Nelson 1620 Qualis Nest Street Roseville, CA 95747

Robert Allen Willis 626 North Circle Drive Diamond Springs, CA 95619

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

- (1) in and to an invention entitled "ARCHIMEDES BRUSH FOR SEMICONDUCTOR CLEANING" for which I have executed United States Patent Application No. 14/537,707 , filed November 10, 2014 ; and
- (2) in and to said United States Patent Application 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 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 shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention.

I hereby further agree that I shall, upon demand of Assignee, its successors or assigns, and without further consideration to me, 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.

PATENT REEL: 034154 FRAME: 0650

K&R IP Docket No. ITW01-073-US ITW Docket No. 65693

I 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.

I hereby further agree and authorize my legal representative or Assignee's legal representative to insert the serial number and filing date of said United States Patent Application above once they are known.

Inventor:	Bradley Scott Withers
Inventor's Signature:	Beliebes
Date:	11.10.14
Inventor:	Erik Scott Nelson
Inventor's Signature:	Eyr_
Date:	n-10-14
Inventor:	Robert Allen Willis
Inventor's Signature:	Robert Allen Willes
Date:	11-4-14

RECORDED: 11/12/2014