

PATENT ASSIGNMENT COVER SHEET

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|---|-----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SCOTT M. LIEBELT | 01/09/2019 |
| SEAN A. TOMASELLI | 01/09/2019 |
| 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: | 29676386 |
| CORRESPONDENCE DATA | |
| Fax Number: | (312)715-5155 |
| <i>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.</i> | |
| Phone: | 3127155000 |
| Email: | lucinda.marcello@QUARLES.COM |
| Correspondent Name: | QUARLES & BRADY LLP |
| Address Line 1: | 300 N. LASALLE STREET, SUITE 4000 |
| Address Line 4: | CHICAGO, ILLINOIS 60654 |
| ATTORNEY DOCKET NUMBER: | 480805.00207 (68068-USDS) |
| NAME OF SUBMITTER: | NICHOLAS P. SCHMIDBAUER |
| SIGNATURE: | /NPSchmidbauer/ |
| DATE SIGNED: | 03/18/2019 |
| Total Attachments: 4 | |
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| source=68068-US-DS-Assignment-fully-executed#page4.tif | |

ASSIGNMENT

WHEREAS, WE, the undersigned inventors, having residence as set forth below, hereinafter referred to as "ASSIGNORS," have invented a certain new invention for:

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as disclosed in a United States patent application which:

- Is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No. _____ with a filing date of _____.
- Was previously filed in the United States Patent and Trademark office on January 10, 2019, as Application Serial No. 29/676,386; and/or
- Is a United States Application of PCT International Application No. _____ filed _____.

(Collectively referred to as the "Invention".)

(The undersigned hereby grants to the attorneys of Quarles & Brady LLP and Illinois Tool Works Inc. the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document, including but not limited to the application number and filing date, if not already provided in this document.)

WHEREAS, Illinois Tool Works Inc., hereinafter referred to as "ASSIGNEE", a corporation organized under the laws of Delaware, with its principal place of business at 155 Harlem Avenue, Glenview, IL, 60025 USA, is desirous of acquiring ASSIGNORS' entire domestic right, title, and interest in and under the Invention described in the patent application(s) noted above.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration by ASSIGNEE to ASSIGNORS, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the entire right, title and interest to the Invention, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres.

ASSIGNORS also transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, derivative works, and applications based thereon, growing out of or relating to the invention; and agrees to provide all

reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the invention and any improvements and to file any of the aforementioned applications.

ASSIGNORS also assign to ASSIGNEE, all right, title and interest in and to the Invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in ASSIGNEE.

ASSIGNORS will communicate to ASSIGNEE, its successors and assigns or their representatives, any facts known to us respecting said invention and improvements; and, at the expense of ASSIGNEE, ASSIGNORS will fully cooperate in any legal proceedings, including any proceeding within the United States Patent and Trademark Office or other Patent Office anywhere in the world, relating thereto, sign all lawful papers, execute all non-provisional, divisional, continuing, continuations-in-part, reissue and substitute applications, make all rightful oaths and declarations, and, in addition, execute any and all documents required to vest title in ASSIGNEE and to aid ASSIGNEE to obtain and enforce proper protection for said invention in all countries.

ASSIGNORS authorize and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the ASSIGNEE as the owner of the entire interest, for the sole use and behalf of the said ASSIGNEE, its successors, assigns and legal representatives.

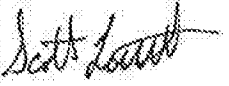

ASSIGNORS covenant that ASSIGNORS have the full right to convey the interest assigned by this Assignment, and that ASSIGNORS have not executed and will not execute any agreement in conflict with this Assignment.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ASSIGNMENT

Attorney Docket No. 68068-US-DS (480805.00207)

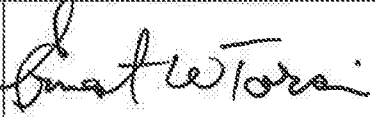
INVENTORS:

| INVENTOR NAME | ADDRESS | CITIZENSHIP | SIGNATURE | DATE |
|------------------------------|--|-------------|--|-----------|
| Scott M. LIEBELT | 155 Harlem Ave. Glenview, Illinois 60025 US | US |  | 1/9/2019 |
| Sean A. TOMASELLI | 155 Harlem Ave. Glenview, Illinois 60025 US | CANADA |  | 1/09/2019 |

ASSIGNMENT

Attorney Docket No. 68068-US-DS (480805.00207)

ASSIGNEE:

| <u>SIGNOR</u> | <u>TITLE</u> | <u>SIGNATURE</u> | <u>DATE</u> |
|--------------------------|--|--|-------------|
| Ernest W. Torain, Jr. | Deputy General Counsel, Intellectual Property, On Behalf of Assignee |  | 3/14/19 |