

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT6623668

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPHER LUDWIG	03/25/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ILLINOIS TOOL WORKS INC.
<b>Street Address:</b>	155 HARLEM AVENUE
<b>City:</b>	GLENVIEW
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60025
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16621798
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)609-6921
<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>	
<b>Phone:</b>	212-609-6800
<b>Email:</b>	psorge@mccarter.com
<b>Correspondent Name:</b>	MCCARTER & ENGLISH LLP ACCOUNT: ILLINOI
<b>Address Line 1:</b>	825 EIGHTH AVENUE
<b>Address Line 2:</b>	31ST FLOOR
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10019
<b>ATTORNEY DOCKET NUMBER:</b>	121981-00600
<b>NAME OF SUBMITTER:</b>	RONALD E. BROWN
<b>SIGNATURE:</b>	/Ronald E. Brown/
<b>DATE SIGNED:</b>	03/26/2021
<b>Total Attachments: 1</b>	
source=Assignment#page1.tif	

ASSIGNMENT

For valuable and sufficient consideration from Illinois Tool Works Inc. having its principal place of business at 155 Harlem Avenue, Glenview, Illinois 60025, (hereinafter referred to as "Assignees"), receipt of such consideration being hereby acknowledged, I,

Christopher LUDWIG

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

(1) in and to an invention entitled "POUCH FLIP-TOP FOR BUBBLE VALVE APPLICATIONS" for which I have filed U.S. Application 16/621,798 filed December 12, 2019 which is a National Phase Application of PCT Patent Application PCT/US2018/037461 filed June 14, 2018, which claims the benefit of U.S. Provisional Application 62/520,135 filed June 15, 2017 and U.S. Provisional Application 62/545,229 filed August 14, 2017.

(2) in and to an invention entitled "POUCH FLIP-TOP FOR BUBBLE VALVE APPLICATIONS" for which I previously filed 62/520,135 filed June 14, 2017 and U.S. Provisional Application 62/545,229 filed August 14, 2017.

(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 of 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(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 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.

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.

  
Name: Christopher LUDWIG

03/25/21  
Date