

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MICHAEL C. DILL	01/04/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ILLINOIS TOOL WORKS INC.	
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<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>	29606100	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
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<b>ATTORNEY DOCKET NUMBER:</b>	025140-1452/66225-US-DS-A	
<b>NAME OF SUBMITTER:</b>	ADAM H. MASIA	
<b>SIGNATURE:</b>	/Adam H. Masia/	
<b>DATE SIGNED:</b>	06/01/2017	
<b>Total Attachments: 4</b>		
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## ASSIGNMENT

WHEREAS, the undersigned, to wit, Michael C. Dill (hereinafter "ASSIGNOR"), is the lawful owner of an invention (the "INVENTION") described in United States Patent Application Serial No. 29/548,920 (the "PATENT APPLICATION"), which is entitled "POWDER ACTUATED TOOL" was filed in the U.S. Patent and Trademark Office on December 17, 2015, and is identified by Attorney Docket No. 025140-1093/66225;

AND WHEREAS, Illinois Tool Works Inc. (hereinafter "ASSIGNEE"), a Delaware corporation having its principal office and place of business at 155 Harlem Avenue, Glenview, IL 60025, desires to acquire the entire right, title, and interest in the INVENTION and the PATENT APPLICATION;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers, and sets over unto ASSIGNEE, its successors, assigns, nominees, or legal representatives, the full and exclusive right, title, and interest in and to the INVENTION and the PATENT APPLICATION in the United States and in all countries foreign to the United States, to be held and enjoyed by ASSIGNEE, its successors, assigns, nominees, or legal representatives as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this ASSIGNMENT not been made, including, without limitation:

- (1) all right, title, and interest to make: (i) applications for patent of the United States on the INVENTION, (ii) applications for patent of countries foreign to the United States on the INVENTION, and (iii) international applications under the Patent Cooperation Treaty (PCT) on the INVENTION;
- (2) all right, title, and interest to make: (i) applications for patent of countries foreign to the United States that claim priority in whole or in part, directly or indirectly, to the PATENT APPLICATION, and (ii) international applications under the Patent Cooperation Treaty (PCT) that claim priority in whole or in part, directly or indirectly, to the PATENT APPLICATION;
- (3) all right, title, and interest to make: (i) related applications for patent of the United States that claim priority in whole or in part, directly or indirectly, to the PATENT APPLICATION; and (ii) related applications for patent of countries foreign to the United States that claim priority in whole or in part, directly or indirectly, to one or more applications for patent in countries foreign to the United States that claim priority to the PATENT APPLICATION, including but not limited to any and all continuations, divisionals, continuations-in-part, reissues, extensions, reexaminations, and substitutions thereof;
- (4) all right, title, and interest in and to any patents issuing from any applications for patent of the United States on the INVENTION including, but not limited to: (i) any patents of the United States issuing from the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of the United States that claim priority in whole or in part, directly or indirectly, to the

PATENT APPLICATION, together with all improvements thereon and betterments thereof;

- (5) all right, title, and interest in and to any patents issuing from any applications for patent of countries foreign to the United States on the INVENTION including, but not limited to: (i) any patents issuing from any applications for patent of countries foreign to the United States that claim priority to the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of countries foreign to the United States that claim priority in whole or in part, directly or indirectly, to one or more applications for patent in countries foreign to the United States that claim priority to the PATENT APPLICATION, together with all improvements thereon and betterments thereof;
- (6) any and all rights to sue for any past, present, and future infringement of any patents issuing from any applications for patent of the United States on the INVENTION including, but not limited to: (i) any patents of the United States issuing from the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of the United States that claim priority in whole or in part, directly or indirectly, to the PATENT APPLICATION, including, but not limited to, the right to collect and receive any damages, royalties, or settlements for such infringements; all rights to sue for injunctive or other equitable relief; and all causes of action relating to any patents issuing from any applications for patent of the United States on the INVENTION including, but not limited to: (i) any patents of the United States issuing from the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of the United States that claim priority in whole or in part, directly or indirectly, to the PATENT APPLICATION; and
- (7) any and all rights to sue for any past, present, and future infringement of any patents issuing from any applications for patent of countries foreign to the United States on the INVENTION including, but not limited to: (i) any patents issuing from any applications for patent of countries foreign to the United States that claim priority to the PATENT APPLICATION; and (ii) any patents issuing from an related applications for patent of countries foreign to the United States that claim priority in whole or in part, directly or indirectly, to one or more applications for patent in countries foreign to the United States that claim priority to the PATENT APPLICATION, including, but not limited to, the right to collect and receive any damages, royalties, or settlements for such infringements; all rights to sue for injunctive or other equitable relief; and all causes of action relating to any patents issuing from any applications for patent of countries foreign to the United States on the INVENTION including, but not limited to: (i) any patents issuing from any applications for patent of countries foreign to the United States that claim priority to the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of countries foreign to the United States that claim priority in whole or in part, directly or indirectly, to one or more applications for patent in countries foreign to the United States that claim priority to the PATENT APPLICATION.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States to issue any patents issuing from an application for patent of the United States on the INVENTION including, but not limited to: (i) any patents of the United States issuing from the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of the United States that claim priority in whole or in part, directly or indirectly, to the PATENT APPLICATION, to ASSIGNEE, its successors, legal representatives, nominees, or assigns.


ASSIGNOR hereby authorizes and requests that all patents issuing from any applications for patent in countries foreign to the United States on the INVENTION including, but not limited to: (i) any patents issuing from any applications for patent of countries foreign to the United States that claim priority to the PATENT APPLICATION; and (ii) any patents issuing from any related applications for patent of countries foreign to the United States that claim priority in whole or in part, directly or indirectly, to one or more applications for patent in countries foreign to the United States that claim priority to the PATENT APPLICATION, be issued to ASSIGNEE, its successors, legal representatives, nominees, or assigns.

ASSIGNOR hereby covenants and agrees that ASSIGNOR will, upon request of ASSIGNEE, its successors, legal representatives, nominees, or assigns and without further remuneration, fully cooperate with ASSIGNEE in preparing, filing, and procuring any applications for patent in the United States and in countries foreign to the United States on the INVENTION.

ASSIGNOR hereby further covenants and agrees that ASSIGNOR will, upon request of ASSIGNEE, its successors, legal representatives, nominees, or assigns and without further remuneration, execute and deliver any papers that may be reasonably necessary to ASSIGNEE's, its successors', legal representatives', nominees', or assigns' full enjoyment, protection, enforcement, and title in and to the INVENTION and the PATENT APPLICATION and any and all rights hereby transferred, including, but not limited to, all oaths, declarations, affidavits, and attestations for and related to the INVENTION, the PATENT APPLICATION, and any and all applications for patent on the INVENTION of the United States and of countries foreign to the United States.

ASSIGNOR hereby further covenants and agrees that ASSIGNOR will, upon request of ASSIGNEE, its successors, legal representatives, nominees, or assigns and without further remuneration, provide any information, testify in any legal proceeding, and take any other actions that may be reasonably necessary to ASSIGNEE's, its successors', legal representatives', nominees', or assigns' full enjoyment, protection, enforcement, and title in and to the INVENTION and the PATENT APPLICATION and any and all rights hereby transferred.

Signature



Name: Michael C. Dill

Date Signed

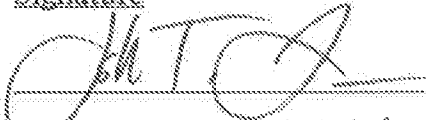
1/4/16

Address: 205 Pleasant Drive

Elk Grove Village, IL 60007

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

  
JOHN SARA

Date Signed

1/4/16