505739807 10/24/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
YANG WANG			05/28/2018			
RECEIVING PARTY DA	TA					
Name:	ILLINOIS	ILLINOIS TOOL WORKS INC.				
Street Address:	155 HARL	EM AVENUE				
City:	GLENVIE	GLENVIEW				
State/Country:	ILLINOIS					
Postal Code:	60025					
PROPERTY NUMBERS	Total: 1	Number				
Property Type Application Number:	10	607990				
CORRESPONDENCE D	ΑΤΑ					
Fax Number:	(41	4)225-9753				
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ASSIGNMENT

THIS ASSIGNMENT is made by and between

1)	Yang WANG (汪洋)	2)
	Nanmian Industrial Park, Humen Town	
	Dongguan City, Guangdong Province 523910	
	People's Republic of China	

3)

(hereinafter referred to as inventor(s)), and

Dongguan Ark-Les Electric Components Co. Ltd (东莞安联电器元件有限公司) having a place of business at Nanmian Industrial Park, Humen Town, Dongguan City, Guangdong Province 523910, People's Republic of China (中国广东省东莞市虎门镇南面工业园区, 邮编 523910) ("ITW Ark-Les")

4)

individually and collectively as Assignor(s), and

ILLINOIS TOOL WORKS INC., a corporation of the State of Delaware, U.S.A., having a place of business at 155 Harlem Avenue, Glenview, Illinois 60025, USA ("ITW")

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as Assignee.

WHEREAS, inventor(s) is (are) employed in a technical capacity by ITW Ark-Les;

WHEREAS. <u>ITW Ark-Les</u> is a division, subsidiary, business unit or other entity of ITW;

WHEREAS, inventor(s) has (have) made one or more inventions (as identified below) (hereinafter individually or collectively referred to as "Invention"); and

WHEREAS, the parties hereto have at all times desired that ITW shall absolutely hold any and all rights (including, but not limited to, Application rights, Patent Rights, Utility Patent rights, Plant Patent rights, Design Patent rights, Priority rights) in the Invention in accordance with the assignment made herein.

NOW THEREFORE, for valuable and sufficient consideration from ITW to Assignor(s), receipt of such consideration being hereby acknowledged and intending to be legally sufficient, I/we hereby sell, assign and convey unto Assignee, its successors and assigns, my/our entire right, title and interest:

(1) in and to the Invention entitled "<u>[] M (Door Lock)</u>" 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 ______; or which is the subject of a <u>Chinese</u> Patent Application No. <u>201810482146.2</u> or PCT Patent Application No. ______ and was filed on <u>May 18, 2018</u>;

(2) in and to an Invention entitled "______" for which I/we previously filed United States Provisional Application No(s). ______ on _____;

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PATENT REEL: 050818 FRAME: 0350 (3) in and to said PCT Patent Application, United States Patent Application, United States Provisional Application(s), and/or <u>Chinese</u> Patent Application, and in and to all other patent applications now or hereafter filed in any country throughout the world claiming priority therefrom, as well as any divisional, continuation, reexamination and reissue applications, and legal equivalents thereof, based upon said forgoing Invention, and in and to any 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, (if necessary for recordation purposes with any national or foreign patent office throughout the world, said other patent application(s)s and/or patent(s) being specifically identified as follows)

US	16/607,990	October 24, 2019	
Country	Application / Patent No.	Filing / Issue or Grant Date	
Country	Application / Patent No.	Filing / Issue or Grant Date	

; and

(4) in and to any and all priority rights, and any other application and patent rights in all of the above mentioned patent applications and patents.

I/we hereby authorize the Assignee and/or its agent or attorney to enter the Application No(s). and filing date(s) of the subject patent application(s) in the spaces provided above once received.

For the avoidance of any doubt, and without restricting the generality of this Assignment, it is confirmed by the Assignor(s) that the Assignee had the right to file the PCT Patent Application, United States Patent Application, United States Provisional Application(s), and/or <u>Chinese</u> Patent Application, and shall have the right to file additional applications for protection of whatever form and in whichever countries it may choose to do so.

I/we agree that the PCT Patent Application, United States Patent Application, United States Provisional Application(s), and/or <u>Chinese</u> Patent Application, and any patent applications of any countries 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 the PCT Patent Application, United States Patent Application, United States Provisional Application(s), and/or <u>Chinese</u> Patent Application based upon said Invention.

I/we 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/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, make all rightful oaths and perform all acts 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 and oaths, and performance of all applicable acts, shall be paid by Assignee, its successors and assigns, and not by me/us.

Any and all rights Assignee takes under this Assignment are freely assignable or otherwise transferable by Assignee without any restriction whatsoever.

I/we hereby confirm my/our assignment absolutely to Assignee of any and all rights whatsoever that I/we may have in the subject matter hereof to the full extent that I/we would have had, had this assignment not been made.

The consideration for the Assignment is in the premises above but in deference to those jurisdictions where a monetary consideration is required to effect an assignment, Assignee agrees to pay each of the Assignors the sum of \$1 (one U.S. dollar) or such other sufficient amount as agreed to by the parties, the receipt, adequacy and sufficiency of which the Assigner(s) acknowledge on signature hereto.

Page 2 of 3

PATENT REEL: 050818 FRAME: 0351

examination and the

1) SE / (YOU & WANG)	8018-5-25	2)	
Name: Yang WANG	Date	Name:	Date
3)		4)	
Name:	Date	Name:	Date
	DECLARATION (OF WITNESS	
ا، المغربية hereby declare that I was personally pr person(s) named in this Assignment, du	whose post office addr resent and did see the ab ily sign and execute the s	ess is <u>) 443, 4964 ho jb, d</u> ove named inventor(s), personally know ame:	111/12/12/12/14/14/14/14/14/14/14/14/14/14/14/14/14/
古永 (Signature of Winess)		18-5-2018 of Signature)	
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