

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5786620

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YANG WANG	05/28/2018
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:	16607990
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	67351-US (1508.360) #2	
NAME OF SUBMITTER:	ERIC J. LALOR	
SIGNATURE:	/Eric J. Lalor/	
DATE SIGNED:	10/24/2019	
Total Attachments: 3		
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(3) in and to said PCT Patent Application, United States Patent Application, United States Provisional Application(s), and/or Chinese 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) 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 Chinese 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 Chinese 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 Chinese 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 Assignor(s) acknowledge on signature hereto.

1) 汪洋 (YANG WANG) 2018-5-25 2) _____

Name: Yang WANG Date _____ Name: _____ Date _____

3) _____ 4) _____

Name: _____ Date _____ Name: _____ Date _____

DECLARATION OF WITNESS

I, 肖永洪 whose post office address is 广东省东莞市虎门镇南面管理区发联公司
hereby declare that I was personally present and did see the above named inventor(s), personally known to me to be the
person(s) named in this Assignment, duly sign and execute the same:

肖永洪 28-5-2018
(Signature of Witness) (Date of Signature)

For and on behalf of

COMPANY SEAL

Dangguan Ark-Les Electric Components Co. Ltd

李忠雄
Name: lyz
Title: Plant Manager
Date: 5/28/2018

For and on behalf of

ILLINOIS TOOL WORKS INC.

Name: _____
Title: _____
Date: _____

COMPANY SEAL

