507362773 06/30/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7409696

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Execution Date			
XING WANG			07/08/2020			
MENGLI SUN			07/08/2020			
SHANGHAI ITW PLAS	STIC & META	AL CO., LTD.	07/08/2020			
RECEIVING PARTY D	ΑΤΑ					
Name:	ILLINOIS	TOOL WORKS INC.				
Street Address:	155 HAR	RLEM AVENUE				
City:	GLENVIE					
State/Country:	ILLINOIS	ILLINOIS				
Postal Code:	60025					
Application Number:169						
Property Typ	e	Number				
Application Number:	116	6995236				
Application Number:	10	6995236				
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PATENT REEL: 060365 FRAME: 0269

ITW Case No.: 68304-CN

ASSIGNMENT

THIS ASSIGNMENT is made by and between

1) Xing WANG (王星) 327 Chundong Road Min Hang District, Shanghai 201108 China 2) Mengli SUN (孙孟立) 327 Chundong Road Min Hang District, Shanghai 201108 China

3)

4)

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

Shanghai ITW Plastic & Metal Co., Ltd. (上海依工祭科五金有代公司) having a place of business at <u>327 Chundong</u> Road, Min Hang District, Shanghai 201108, China (中国上海市河行区各本总 327号, 邮路 201108)

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")

as Assignee,

WHEREAS, inventor(s) is (are) employed in a technical capacity by Shanghai ITW Plastic & Metal Co., Ltd.;

WHEREAS, Shanghai ITW Plastic & Metal Co., Ltd. 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 "### (Sealing Plug)" 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 or a PCT Patent Application having <u>Chinese</u> Patent Application No. <u>201910758008.7</u> or PCT Patent Application No. _______ and was filed on <u>August 16, 2019</u>;

Page 1 of 3

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

(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 therefrom 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)

Country	Application / Patent No.	Filing / Issue or Grant Date
Country	Application / Patent No.	Filing / Issue or Grant Date

gand

(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.

Page 2 of 3

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)	Xing Wang	58h Sept. 2019	2)	thenght Sim	2293-9-11	
Name:	Xing WANG	Date	Name	Mengli SUN	Date	
3)			4)			
Name:		Date	Name:		Date	
person(s)	Li Bo clare that I was personally p named in this Assignment, du L i Bo e of Witness)	ary sign and execute the	tress is 3 bove named same:	27 Chundong Re inventor(s), personally known		hsone.
For and or) behalf of			COMPANY SEAL		Ì)
Name: Title:	1TW Plastic & Metal Co., 1.1 1 i koo Togeneer 1 2019-9-1	Variage V				
For and or	1 behalf of			COMPANY SEAL		
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Date: (1/29/2022) .	et de la la de

ASSIGNMENT

THIS ASSIGNMENT is made by and between

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WHEREAS, inventor(s) is (are) employed in a technical capacity by Shanghai ITW Plastic & Metal Co., Ltd.;

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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>*** # * (Sealing Plug)</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 or a PCT Patent Application having <u>Chinese</u> Patent Application No. <u>202010567124.3</u> or PCT Patent Application No. _______ and was filed on <u>June 19, 2020;</u>

Page 1 of 3

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

(3) in and to said PCT Patent Application, United States Patent Application, United States Provisional Application(s), and/or <u>Chiness</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)

Country	Applica	tion / Patent No.	Filing / Issue or Grant Date	
	19 28			
Country	Applica	tion / 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.

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PATENT REEL: 060365 FRAME: 0274 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.

UXing WILNG	2020-7.8	2) Mongh Sun	2020. 7.8-
Name: Xing WANG	Date	Name: <u>Mengli SUN</u>	Date
_3)		4)	
Name:	Date	Name:	Date
		N OF WITNESS	8 a i
1, LiBo	whose post office a	ddress is #327. Chundlong Road above named inventor(s), personally k	C. Shanghai
hereby declare that I was personally person(s) named in this Assignment	y present and did see the duly sign and execute the	e above named inventor(s), personally k	nown to me to be the
1-12 -			
(Signature of Witness)	(Da	2020.7.8 ite of Signature)	· · · · · · · · · · · · · · · · · · ·
For and on behalf of		COMPANY SEAL	· · · · · · · · · · · · · · · · · · ·
Shunghai ITW Plastic & Metal Co.,	Lad.	Laster	
		<u>(</u> 76686)	
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For and on behalf of		COMPANY SEAL	
ILLINOIS TOOL WORKS INC.			
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Name: Christopher H		4 4	
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