PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7723565

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIUPING SU	08/24/2021
SHENGLONG WANG	08/24/2021
SHIMIN SHENG	08/24/2021
MINNAN FAN	08/31/2021

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TYCO IP HOLDINGS LLP	
Street Address:	5757 N. GREEN BAY AVENUE	
City:	MILWAUKEE	
State/Country:	WISCONSIN	
Postal Code:	53209	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17268385

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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.

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docket@fyiplaw.com, Powell@fyiplaw.com, west@fyiplaw.com, Email:

Samantha.Deblaw@fyiplaw.com

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ATTORNEY DOCKET NUMBER:	XLR-19-0023-WO/US	
NAME OF SUBMITTER:	W. ALLEN POWELL	
SIGNATURE:	/W. Allen Powell/	
DATE SIGNED:	01/04/2023	

Total Attachments: 5

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Johnson Controls Tyco IP Holdings LLP, a Wisconsin Limited Liability Partnership, having a place of business at 5757 N. Green Bay Ave. Milwaukee, Wisconsin 53209, and York (Wuxi) Air Conditioning and Refrigeration Co., Ltd., a corporation of the State of Jiangsu, China, having a place of business at No. 32 Changjiang Road, Wuxi New District, Wuxi, Jiangsu Province, China, ("the Assignees") the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "FALLING FILM EVAPORATOR," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 75576 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information		
U.S. Provisional Application Serial No	, filed on	
U.S. Non-Provisional Application Serial No	17/268,385 , filed on <u>February 12, 2021</u>	
International Application Serial No. PC	T/CN2019/100330 , filed on <u>August 13, 2019.</u>	

INVENTOR 1:			
Signature: Xis	WWW Su	Date:	08-24
Witnessed by:	Kum Lin Signature	Date: <u>VN - 0</u>	8-24
	Kun Lin Printed Name of Witness	2 4	~ & ~ W
Witnessed by:	Signature Pu Zhou Printed Name of Witness	Date: 201/-	
		RLY IF SIGNING IN PRESENC	
Xiuping Su	·	Date:	
STATE OF)) §§.)		
This day of personally known executed the same	of, 2021, be as the individual who executed of his own free will for the pur	fore me personally came the above the foregoing assignment, who acl poses therein set forth.	e-named Xiuping Su, to me knowledged to me that he
(Seal)		(Notary Public)	

INVENTOR 2:		
Signature: Shergland WANG Shenglong Wang	Date: <u>8/24/2021</u>	
Witnessed by: Bing yan Faal Signature	Date: 8/>4/202/	
Bingyan Fan Printed Name of Witness		
Witnessed by: GwpW Ci Signature	Date: 8 [24 202]	
Guoping Li Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY		
Shenglong Wang	Date:	
STATE OF		
This day of, 2021, me personally known as the individual who exe executed the same of his own free will for the p	before me personally came the above-named Shenglong Wang , to reuted the foregoing assignment, who acknowledged to me that he purposes therein set forth.	
(Seal)	(Notary Public)	

INVENTOR 3:	
Signature: Skimin Sheng	Date: \$\langle 122
Witnessed by: Bingyon Fan Signature Bingyan Fan Printed Name of Witne	
Witnessed by: Gusping Li Signature Guoping Li Printed Name of Witne	
	E ONLY IF SIGNING IN PRESENCE OF A NOTARY
Shimin Sheng	Date:
STATE OF) \$\\ COUNTY OF)	
This day of, 200 me personally known as the individual who executed the same of his own free will for the	21, before me personally came the above-named Shimin Sheng , to executed the foregoing assignment, who acknowledged to me that he purposes therein set forth.
(Seal)	(Notary Public)

INVENTOR 4:	PATENT Assignment XI-R-19-0023-WOUS (ICCH 0897US)
Signature: Minuan Fan	Date: w.M. od. 31
Winesetby: Signature	Date:
Bingyan Fan Printed Name of Witness	
Witnessed by; Signature Guoping Li Printed Name of Witness	Date:
SECTION BELOW IS FOR USE ONLY	IF SIGNING IN PRESENCE OF A NOTARY
Minnan Fain	Date:
STATE OF) \$\) \\$\\$. COUNTY OF)	
This day of 2021, before personally known as the individual who executed the for executed the same of his own free will for the purposes	me personally came the above-named Minnan Fan. to me regoing assignment, who acknowledged to me that he therein set forth.
(Seal)	totary Public)
RECORDED: 01/04/2023	PATENT REEL: 062269 FRAME: 0929