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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:							
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY DATA							
		Ν	Name	Execution Date			
DONGFANG ZHAO				08/25/2021			
YONGKUN GAO				08/25/2021			
MIN LIU				08/25/2021			
RECEIVING PARTY DATA							
Name:	QINGD	AO HI	SENSE HITACHI AIR-CONDITIONING S'	YSTEMS CO., LTD.			
Street Address:	NO.218	NO.218 QIANWANGANG ROAD					
Internal Address:	ECONOMIC AND TECHNICAL DEVELOPMENT ZONE						
City:	QINGD	QINGDAO, SHANDONG					
State/Country:	CHINA	CHINA					
PROPERTY NUMBERS Total: 1							
Property Type			Number				
Application Number:1756		17562	2376				
CORRESPONDENCE DATA							
			/39-3001				
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.							
Phone:			393000				
		wapate	tents@morganlewis.com, angie.ellis@morganlewis.com				
Correspondent Name:		MORG	GAN, LEWIS & BOCKIUS LLP				
Address Line 1: 1111			PENNSYLVANIA AVENUE, NW				
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ATTORNEY DOCKET NUMBER:			126919-5049-US				
NAME OF SUBMITTER:			ANGELA Y. ELLIS				
SIGNATURE:			/Angela Y. Ellis/				
DATE SIGNED:			12/27/2021				
Total Attachments: 2 source=CIP-Declaration-Assignment#page1.tif source=CIP-Declaration-Assignment#page2.tif							

Attorney Docket No. **

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COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION

Title of						
Invention						
DECLARATION		х.				
As the below name	d and un	dersigned inventor, I hereby declare that:				
This declaration is directed to:	\boxtimes	The attached application, or				
		United States application or PCT international application number filed on				
The above-identific	d applies	ation was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.						
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.						
Note to Investor: 37 C.P.R. § 1.63(c) states: A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, an aware of the duty to disclose to the Office all information known to the person to be material to patentabilitiefined in § 1.56.						
ASSIGNMENT WHEREAS and	S, I have	made an invention described and/or claimed in the above-identified application;				

WHEREAS, QINGDAO HISENSE HITACHI AIR-CONDITIONING SYSTEMS CO., LTD., corporations of the P. R. China, having a place of business at No.218 Qianwangang Road, Economic and Technical Development Zone Qingdao, Shandong, CN, (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title, and interest in and to said invention in all countries throughout the world and the above-identified United States patent application, which claims priority to PCT/CN2020/111548 filed on August 27, 2020; which in turn claims priority to CN201910698878.X filed on July 30, 2019 and CN201921219917.5 filed on July 30, 2019.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I have assigned and do hereby assign to the ASSIGNEE, and its lawful successors and assigns, the entire right, title, and interest in and to said invention, the above-identified United States patent application and all divisions, continuations, and continuations-in-part of said application, and reissues, extensions, and renewals of Letters Patent granted thereon, and all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and all Letters Patents issuing on any such patent applications in the United States and foreign countries;

I hereby assign to the ASSIGNEE, and its lawful successors and assigns, the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any

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other relevant treaties;

I hereby authorize and request the United States Patent and Trademark Office and officials in patent, offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; and

Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

IN TESTIMONY WHEREOF, I have hereanto set my hands.

NAME OF INVENTOR (Full Legal Name): Dongfang ZHAO						
Signature:	Dongfong ZHAD	Date: 8/25/2024				
NAME OF INVENTOR (Full Legal Name): Yongkun GAO						
Signature:	Yong Kun GAO	Date: 8/25/2021				
NAME OF INVENTOR (Full Legal Name): Min LIU						
Signature:	MinUu	Date: 8/25/2°2)				

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