

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7863590

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOBING ZHU	03/21/2023
BIN FEI	03/21/2023
YONGSHENG SUN	03/21/2023
HAOQUAN LIU	03/21/2023

RECEIVING PARTY DATA

Name:	QINGDAO HAIER REFRIGERATOR CO., LTD.
Street Address:	HAIER INDUSTRIAL PARK
Internal Address:	NO. 1 HAIER ROAD, LAOSHAN DISTRICT
City:	QINGDAO, SHANDONG
State/Country:	CHINA
Postal Code:	266101
Name:	HAIER SMART HOME CO., LTD.
Street Address:	HAIER INDUSTRIAL PARK
Internal Address:	NO. 1 HAIER ROAD, LAOSHAN DISTRICT
City:	QINGDAO, SHANDONG
State/Country:	CHINA
Postal Code:	266101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18246486

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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: 7044441000

Email: usptomail@alston.com

Correspondent Name: ALSTON & BIRD LLP

Address Line 1: ONE SOUTH AT THE PLAZA

Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

PATENT

ATTORNEY DOCKET NUMBER:	064109/593757
NAME OF SUBMITTER:	TORREY L. WYATT
SIGNATURE:	/Torrey L. Wyatt/
DATE SIGNED:	03/23/2023
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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**DECLARATION AND ASSIGNMENT
FOR PATENT AND DESIGN APPLICATIONS**

Title of Invention	REFRIGERATOR
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I. DECLARATION

As the below named inventor, I, hereinafter referred to as the undersigned, hereby declare that:

This declaration is directed to:

- the attached application, or
- United States Application or PCT International Application No. filed on
- Application is a national phase of PCT International Application No. PCT/CN2021/117714, filed on September 10, 2021, which claims priority to Chinese Application No. 202011029619.7, filed September 27, 2020, all applications listed above being hereinafter referred to as the “application(s)”;

The above-identified application 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.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

II. ASSIGNMENT

Whereas, I have invented certain new and useful improvements in the application identified above; and whereas

QINGDAO HAIER REFRIGERATOR CO., LTD.

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No.1 Haier Road, Laoshan District
Qingdao, Shandong 266101
CHINA

HAIER SMART HOME CO., LTD.

Haier Industrial Park
No.1 Haier Road, Laoshan District
Qingdao, Shandong 266101
CHINA

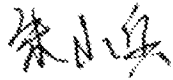
hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest of the undersigned in and to said invention as described in the application identified above, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee its successors and assigns, the entire right, title and interest of the undersigned, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be

requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

This Assignment is deemed to be effective at least as early as September 27, 2020 (the earliest priority date).

LEGAL NAME OF INVENTOR



Inventor Name: **Xiaobing ZHU** (Signature)

Date: 21 March 21, 2023

Optional Witness Signatures:

Witness #1

..... (Signature)

Date:

.....
Witness #1 Printed Name

Witness #2

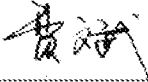
_____ (Signature)

Date: _____

Witness #2 Printed Name

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LEGAL NAME OF INVENTOR



..... (Signature)
Inventor Name: **Bin FEI**

Date: 21 March 21, 2023

Optional Witness Signatures:

Witness #1

..... (Signature) Date:

.....
Witness #1 Printed Name

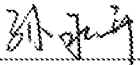
Witness #2

..... (Signature) Date:

.....
Witness #2 Printed Name

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LEGAL NAME OF INVENTOR


..... (Signature) Date: 21 March 21, 2023
Inventor Name: **Yongsheng SUN**

Optional Witness Signatures:

Witness #1
..... (Signature) Date:

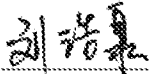
.....
Witness #1 Printed Name

Witness #2
..... (Signature) Date:

.....
Witness #2 Printed Name

This Assignment is deemed to be effective at least as early as September 27, 2020 (the earliest priority date).

LEGAL NAME OF INVENTOR

 (Signature) Date: 21 March 21, 2023
Inventor Name: **Haoquan LIU**

Optional Witness Signatures:

Witness #1
_____ (Signature) Date: _____

Witness #1 Printed Name

Witness #2
_____ (Signature) Date: _____

Witness #2 Printed Name