504951476 06/08/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIANG YIN	03/30/2018
FENGLING WU	03/30/2018
QIUQI MOU	03/30/2018
CHUNFENG LAO	03/30/2018
JIANGTAO ZHANG	03/30/2018

RECEIVING PARTY DATA

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State/Country:	CHINA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16060625

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	064109/511128
NAME OF SUBMITTER:	CHRISTOPHER J. GEGG
SIGNATURE:	/Christopher J. Gegg/
DATE SIGNED:	06/08/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 46028 FRAME: 0813

504951476 REEL: 046028 FRAME: 0813

Total Attachments: 7 source=511128_Declaration-Assignment#page1.tif source=511128_Declaration-Assignment#page2.tif source=511128_Declaration-Assignment#page3.tif source=511128_Declaration-Assignment#page4.tif source=511128_Declaration-Assignment#page5.tif source=511128_Declaration-Assignment#page6.tif source=511128_Declaration-Assignment#page7.tif

PATENT REEL: 046028 FRAME: 0814

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of LAUNDRY DEVICE	,	
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	I. DECLARATION
As the	below named inventor, I, hereinafter referred to as the undersigned, hereby declare that:
This d	eclaration is directed to:
	the attached application, or United States Application No filed on; Application is a national phase of PCT International Application No. PCT/CN2016/112439 filed on December 27, 2016, which claims priority to CN Application No. 201511004283.8 filed December 28, 2015, all applications listed above being hereinafter referred to as the "application(s)";
The ab	pove-identified application was made or authorized to be made by me.
I belie	ve that I am the original inventor or an original joint inventor of a claimed invention in the ation.
	by acknowledge that any willful false statement made in this declaration is punishable 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
	by state that I have reviewed and understand the contents of the above-identified cation, including the claims, as amended by any amendment referred to above.
CFR 1 availab	owledge the duty to disclose information which is material to patentability as defined in 37 .56, including for continuation-in-part applications, material information which became ble between the filing date of the prior application and the national or PCT international date of the continuation-in-part application.

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II. ASSIGNMENT

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

Whereas.

QINGDAO HAIER SMART TECHNOLOGY R&D CO., LTD.

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

hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest 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, 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-inparts, 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.

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PATENT REEL: 046028 FRAME: 0816

LEGAL NAME OF INVENTOR

是第时	(Signature)	Date: 2018.3.70
Xiang YIN	\ 0	
刘允涛		2018,3,30
First Witness		Date
Yuntao LIU		
Printed Name of First Witness		
£x@		2018, 3,30
Second Witness		P ate
Xue ZHAO		
Printed Name of Second Witness		

LEGAL NAME OF INVENTOR

大孩!	(Signature)	Date: 2018. 3.30
Fengling WU		
剂纵结		W18. 3, 30
First Witness		Date
Yuntao LIU		
Printed Name of First Witness		
表图		2018,3.30
Second Witness		Date
Xue ZHAO		
Printed Name of Second Witness		

LEGAL NAME OF INVENTOR

Xue ZHAO

Printed Name of Second Witness

算 紙 危 Qiuqi MOU	(Signature)	Date: 2018・オッチッ
刘以特		2018, 3, 30.
First Witness		P ate
Yuntao LIU		
Printed Name of First Witness		
£XB		7018, 3,30
Second Witness		Pate

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LEGAL NAME OF INVENTOR		
Chunfeng LAO	(Signature)	Date: <u>Jovs - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - </u>
刘州		سا، ۲. الاال
First Witness		Date
Yuntao LIU		
Printed Name of First Witness		
LX E		201813,30
Second Witness		Date
Xue ZHAO		
Printed Name of Second Witness	-	

REEL: 046028 FRAME: 0820

LEGAL NAME OF INVENTOR 342431 Date: 278.30 (Signature) Jiangtao ZHANG

This Assignment is deemed to be effective at least as early as the earliest priority date.

Yuntao LIU
Printed Name of First Witness

74 18 13 . 30 Dațe Second Witness

Xue ZHAO

Printed Name of Second Witness