

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUARONG QIN	05/03/2018
ZHONGXIU ZHANG	05/03/2018
MINHUA WU	05/03/2018
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<b>Name:</b>	SHANGHAI JILONG PLASTIC PRODUCTS CO., LTD.
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<b>City:</b>	SHANGHAI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	201202
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13814727
<b>CORRESPONDENCE DATA</b>	
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<b>SIGNATURE:</b>	/Dexter T. Chang/
<b>DATE SIGNED:</b>	05/10/2018
<b>Total Attachments: 3</b>	
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ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

ASSIGNORS:

- (1) Full Name of Inventor: Huarong QIN  
Address: Room 103, Building 27  
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- (2) Full Name of Inventor: Zhongxiu ZHANG  
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- (3) Full Name of Inventor: Minhua WU  
Address: Room 103, Building 27  
No. 6999 Chuansha Road, Pudong New District  
Shanghai, P.R. China 201202  
Citizenship: CN

hereby sell, assign and transfer to ASSIGNEE:

SHANGHAI JILONG PLASTIC PRODUCTS CO., LTD.  
Room 103, Building 27  
No. 6999 Chuansha Road, Pudong New District  
Shanghai, P.R. China 201202

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to any and all of the following application(s) entitled:

A SMALL-SIZED POOL AND PTC HEATER FOR INTERNAL LIQUID HEATING

that was invented by ASSIGNORS, and which is found in U.S. Patent Application No. 13/814,727, filed April 9, 2013 (now Issued Patent No. U.S. 8,569,663, issued October 29, 2013), based on PCT

International Application No. PCT/CN2011/001229, filed July 27, 2011 and which claims the benefit of and priority to Foreign Patent Application Nos. CN 201110158866.1, filed June 14, 2011, CN 201110145820.6, filed June 1, 2011, and CN 201010270168.6, filed August 31, 2010, and any legal equivalent thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue, reexamination or other post grant proceedings thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries or regions, in ASSIGNEE'S name, or in ASSIGNORS' name, at ASSIGNEE'S election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefore, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEE, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or reexamination thereof, or any other additional applications for Letters Patent for said invention or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States of America for said invention, resulting from the aforesaid

application, to SHANGHAI JILONG PLASTIC PRODUCTS CO., LTD., as its ASSIGNEE.

WITNESS our hands and seals on:

覃荣

HUARONG QIN

2018.5.3

Date

张中修

ZHONGXIU ZHANG

2018.5.3

Date

吴敏华

MINHUA WU

2018.5.3

Date