

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GUANGXI JUNFUHUANG GROUND SOURCE HEAT PUMP CO., LTD.	04/09/2019
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Property Type	Number
Application Number:	15663816
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NAME OF SUBMITTER:	CHARLES W. GRAY
SIGNATURE:	/Charles W. Gray/
DATE SIGNED:	04/16/2019
Total Attachments: 2	
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PATENT APPLICATION ASSIGNMENT

This ASSIGNMENT is made by GUANGXI JINFUHUANG GROUND SOURCE HEAT PUMP CO., LTD, having a business address at The Red Building of Mechanical College, Guangxi University, No. 100, Daxue Road, Nanning, Guangxi 530004, China (hereinafter "Assignor") to GUANGXI UNIVERSITY, having a business address at No. 100, Daxue Road, Nanning, Guangxi 530004, China (hereinafter "Assignee").

WHEREAS, Assignor has agreed to assign its rights in United States Patent Application No. 15/663,816, titled "HEAT PUMP SYSTEM AND AIR-CONDITIONER" and filed July 30, 2017 (the "Application"), and the inventions disclosed therein to Assignee, and Assignee wishes to acquire the Application and the inventions disclosed therein;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby:

1. Grants, transfers, assigns and conveys unto Assignee all of Assignor's right, title and interest in and to:
 - (a) the Application and the inventions disclosed therein, the right to claim priority to the Application, all applications based in whole or in part upon the Application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the Application;
 - (b) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (c) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorizes and requests the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
3. Agrees to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.

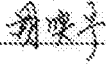
4. Agrees that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, as well as Assignor's heirs, legal representatives, and assigns.
5. Promises and affirms that Assignor has not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

IN WITNESS WHEREOF, Assignor has caused this Patent Application Assignment to be executed as of the date below written.

Assignor:

PUMP CO., LTD.

QUANGXI JUNFUHUANG GROUND SOURCE HEAT

Signature of authorized party: 

Name: Yingning Hu

Title: Chairman

Date: 2019. 4. 9

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