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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAOHUA ZHAO	08/20/2015
KAIRONG ZHANG	08/20/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13127444

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NAME OF SUBMITTER:	PETER F. MALEN JR.
SIGNATURE:	/Peter F. Malen Jr./
DATE SIGNED:	09/15/2015

Total Attachments: 3

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> **PATENT** REEL: 036616 FRAME: 0115 503479610

Workman | Nydegger 60 East South Temple Suite 1000 Salt Lake Cay, Utah 84111 PATENT APPLICATION Docker No: 17422.13

ASSIGNMENT

I/We the under signed, hereinafter collectively referred to as "Assignor," are the inventors of an invention entitled HEAT PIPE WITH MICRO-PORE TUBES ARRAY AND MAKING METHOD THEREOF AND HEAT EXCHANGING SYSTEM. Example embodiments of said invention are disclosed in a United States patent application which:

- [X] is executed concurrently herewith for filing in the United States Patent and Trademark Office or was previously filed in the United States Patent and Trademark Office on May 3, 2011. Application Serial No. 13/127,444. (I hereby authorize the attorneys of Workman Nydegger to insert said serial number and filing date when known.)
- [] is a United States National Application of PCT International Application No.

The Assignee, Guardeweihetong Energy Technology (Beijing) Co., Ltd., having a principal place of business at Building No. 107, IT Industrial Park, Electronic City, Jiuxianqiao North Road, Chaoyang District, Beijing, China, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1,00) and other good and valuable consideration paid to Assignor by the Assigner, the receipt and sufficiency of which is hereby acknowledge.
ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, tale and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Decker No. 17402.13

PATENT REEL: 036616 FRAME: 0116 Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignce as the owner of the entire interest, for the sole use and behoof of the said Assignce, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Yaobaa		Zhao
TOTTEN NAME)	(MIDDILE JANT) BLOR NAMED	FAMILY (OR LAST NAME)
entor's signature	WH. 2700	
ie Aug. 20, 2015	Country of Citizenship	China

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Full name of second joint of Kairong	Zhaniz
(SIVEN NAME)	TAMENTO PARTIES (OR LAST NAME)
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