

## 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>
ZHENBO YANG	06/25/2021
ZHAOGANG QI	06/23/2021
WEIDONG XU	06/24/2021
LINJIE HUANG	12/09/2021
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<b>Postal Code:</b>	310018
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17552888
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<b>NAME OF SUBMITTER:</b>	CHENG-JU CHIANG
<b>SIGNATURE:</b>	/CHENG-JU CHIANG/
<b>DATE SIGNED:</b>	12/16/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

**Serving as Oath or Declaration Pursuant to 37 C.F.R. §1.63(e)**

As one of the inventor(s) named below, I hereby declare that each inventor's residence, mailing address and citizenship are as stated below next to the below-identified name(s); and I verily believe the inventor(s) named below to be the original, first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HEAT EXCHANGER AND HEAT EXCHANGE SYSTEM

The application of which:

is attached hereto; or

was filed on (mm/dd/yyyy) 7/28/2020 as United States Application No. \_\_\_\_\_ or PCT International Application No. PCT/CN2020/105114, and was amended on (mm/dd/yyyy) (if applicable).

I hereby submit that the above identified patent application was made and authorized to be made by me.

I hereby state that I believe I am the original inventor or an original joint inventor of a claimed invention of the above-identified application for which the oath or declaration is being submitted.

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

I acknowledge the duty to disclose information which is material to patentability of the above-identified application in accordance with and as defined in Title 37, Code of Federal Regulations, §1.56 (a duplicate copy has been provided to me by the below-indicated Practitioner(s)), 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 applications.

I authorize and request the United States Patent and Trademark Office to recognize the correspondence address for the above-identified application to the address associated with CUSTOMER NUMBER 88174, and direct all correspondence in the above-identified application to Cheng-Ju Chiang at the address associated with the above-mentioned customer number.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United

**ASSIGNMENT (CONTINUED)**

**Serving as Oath or Declaration Pursuant to 37 C.F.R. §1.63(e)**

States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor(s) (hereinafter as "ASSIGNOR") identified as below hereby sells, assigns, transfers, and sets over to HANGZHOU SANHUA RESEARCH INSTITUTE CO., LTD.

of No. 289-2#, 12th Street, Economic & Technological Development Area, Hangzhou City, Zhejiang Province, P. R. China 310018

(hereinafter as "ASSIGNEE"), its successors and assigns, the entire right, title and interest in and to the above identified invention (hereinafter as "INVENTION"), for which a United States Patent Application was executed concurrently herewith or, if not so executed, was:

- a. executed on (Date of Filing);
- b. filed on (Date of Filing), Application Serial No. (Application No.); or
- c. established by PCT International Patent Application No. (PCT/CN2020/105114)

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

The ASSIGNOR hereby agrees without charge to said ASSIGNEE but at its expense to execute all necessary papers to be used in connection with the above-identified application and any additional, substitute, continuing, divisional, reexamination, or reissue applications, as the ASSIGNEE may deem necessary or expedient; to execute all papers in connection with any interference or other legal or quasi-legal proceedings relating to the above-identified application or any additional, substitute, continuing, divisional, reexamination, reissue applications thereof; to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said INVENTION.

The ASSIGNOR hereby agrees to communicate to the ASSIGNEE, or its representatives, any facts known to the ASSIGNOR respecting said INVENTION, and testify in any legal proceedings, sign all lawful papers, execute all necessary assignment papers to cause any and all Letters Patent to be issued to the ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said INVENTION.

The ASSIGNOR hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office to issue any and all Letters Patent that may be granted upon any patent application for the INVENTION or any additional, substitute, continuing, or divisional applications thereof to the ASSIGNEE, its successors and assigns.

ASSIGNMENT (CONTINUED)

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The ASSIGNOR hereby covenants and warrants that the ASSIGNOR has full right to convey the entire right, title and interest in and to said INVENTION by this assignment, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

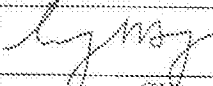
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ASSIGNMENT (CONTINUED)

Serving as Oath or Declaration Pursuant to 37 C.F.R. §1.63(e)

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