07/12/2017 504452754

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4499455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN BUM KIM	07/11/2017
HYUN SIK KIM	07/11/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15647164

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ATTORNEY DOCKET NUMBER:	10035173-50360411
NAME OF SUBMITTER:	NHIA LEE
SIGNATURE:	/NHIA LEE/
DATE SIGNED:	07/12/2017

Total Attachments: 3

source=OPM172537US_Assignment_executed_7-12-17#page1.tif source=OPM172537US_Assignment_executed_7-12-17#page2.tif source=OPM172537US Assignment executed 7-12-17#page3.tif

PATENT REEL: 042983 FRAME: 0077 504452754

Attorney Docket No.: 10035173-50360411

ASSIGNMENT

WHEREAS, I/We the undersigned inventor(s) of residence(s) as listed, have invented cortain new and useful improvements as below entitled, for which an application for United States Letters Patent is made, said application having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, DOOSAN HEAVY INDUSTRIES CONSTRUCTION CO., LTD. (hereinafter referred to as "Assignee"), with an address of:

> 22, Doosanvolvo-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51711 Republic of Korea

desires to acquire the entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I/We authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my/our interest is concerned, to Assignee.

I/We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I/We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I/We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I/We will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignce and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Page 1 of 3

Attorney Docket No.: 10035173-50360411

Invention Name: SYSTEM FOR COATING HEAT TRANSFER TUBE I	UBE FO	TUBE	TRANSFER	HEAT	COATING	FOR	SYSTEM	Invention Name:
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CONDENSER

15/647,164 Serial No.:

July 11, 2017 Date Filed:

I/We hereby grant BRIAN C. McCORMACK, Registration No. 36,601; JOHN G. FLAIM, Registration No. 37,323; WILLIAM D. McSPADDEN, Registration No. 44,234; RICHARD V. WELLS, Registration No. 53,757; GUY F. BIRKENMEIER, Registration No. 52,622; MATT S. DUSHEK, Registration No. 61,921; KEVIN O'BRIEN, Registration No. 30,578; DAVID ROCHE, Registration No. 30,797; LISA MEYERHOFF, Registration No. 36,869; SREENIVAS VEDANTAM, Registration No. 66,876; CHAOXUAN LIU, Registration No. L0910; KYLE CHOI, Registration No. 71,230; TRENT MCKENZIE, Registration No. 72.341; and ERIN M. TANNER, Registration No. 71,084; and all practitioners with the firm of Baker & McKenzie LLP (Customer Number 23562) with an office at 2001 Ross Avenue, Suite 2300, Dallas, TX 75201, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned further declare(s) that all statements made herein of his/her/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor(s) Name: Jin Bum KIM

Residence (City, Country): Gyeonggi-do, Republic of Korea

Citizenship: KR

Signature of Inventor(s):

1.1.2019 Date:

Attorney Docket No.: 10035173-50360411

Inventor(s) Name:	Hyun Sik KIM
Residence (City, Country):	Seoul, Republic of Korea
Citizenship:	KR
Signature of Inventor(s):	thing 14
Date:	7. //