504578128 10/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4624839

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RONALD RUDOLPH	09/15/2017

RECEIVING PARTY DATA

Name:	DOOSAN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD.	
Street Address:	22, DOOSANVOLVO-RO, SEONGSAN-GU	
City:	CHANGWON-SI, GYEONGSANGNAM-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	51711	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15722311

CORRESPONDENCE DATA

Fax Number: (202)416-7165

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2028356165

Email: docket@bakermckenzie.com **Correspondent Name:** BAKER & MCKENZIE LLP

Address Line 1: 2001 ROSS AVENUE, SUITE 2300 Address Line 2: ATTN:PATENT DEPARTMENT

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	10035173-50283611	
NAME OF SUBMITTER:	NHIA LEE	
SIGNATURE:	/Nhia Lee/	
DATE SIGNED:	10/03/2017	

Total Attachments: 2

source=Doosan_50283616_Assignment_filed_10-3-17#page1.tif source=Doosan_50283616_Assignment_filed_10-3-17#page2.tif

PATENT 504578128 REEL: 043770 FRAME: 0786

ASSIGNMENT STATEMENT

WHEREAS, I, the undersigned inventor as listed, have invented certain new and useful improvements as below entitled, for which an application for United States Letters Patent is made, said applications 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. a company organized under the laws of the Republic of Korea (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 inventions, 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 assign to Assignee, all right, title and interest in and to said inventions and in and to said applications and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, in sofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said applications 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 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 will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I 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 Assignee 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.

ASSIGNMENT STATEMENT Attorney Docket No. 10035173-50283611 Page 1 of 2

PATENT REEL: 043770 FRAME: 0787 Invention Name: ENHANCED FILM COOLING SYSTEM

Serial No.: 15/722,311

Date Filed: October 2, 2017

I hereby grant KEVIN M. O'BRIEN, Registration No. 30,578, JOHN G. FLAIM, Registration No. 37,323, BRIAN C. McCORMACK, Registration No. 36,601, WILLIAM D. McSPADDEN, Registration No. 44,234, RICHARD V. WELLS, Registration No. 53,757, MATTHEW S. DUSHEK, Registration No. 61,921 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.

I hereby further declare that the above-identified application was made or authorized by me, that I am the original inventor or an original joint inventor of a claimed invention in the application, and,

The undersigned further declares that all statements made herein of his/her 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 of not more than five years, or both, under Section 1001 of Title 18 of the United States Code.

Inventor(s) Name: Ronald RUDOLPH

Residence (City/State): Jensen Beach, FL

Citizenship:

RECORDED: 10/03/2017

Signature of Inventor:

Date:

ASSIGNMENT STATEMENT Attorney Docket No. 10035173-50283611 Page 2 of 2