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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
SUNG CHUL JUNG			12/10/2014		
RECEIVING PARTY DA	ТА				
Name:	DOOSAN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD.				
Street Address:	22, DOOSAN VOLVO-RO, SEONGSAN-GU,CHANGWON-SI				
City:	GYEONGSANGNAM-DO				
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF				
Postal Code:	642-792				
Property Type		Number			
PROPERTY NUMBERS Total: 1 Property Type		Number			
Application Number: 14		14588529			
using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 4:	e sent to provideo	<i>the e-mail address first; if that is u</i> <i>I; if that is unsuccessful, it will be s</i> doosanpatents@bakermckenzie.com BAKER & MCKENZIE LLP 2001 ROSS AVENUE DALLAS, TEXAS 75201			
ATTORNEY DOCKET NUMBER:			1035173-95294443-200004		
NAME OF SUBMITTER:					
SIGNATURE:		/jessicawilkins/			
DATE SIGNED:		01/08/2015			
Total Attachments: 3 source=Assignment#page	.1 +if				

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, Doosan Volvo-ro, Seongsan-gu, Changwon-si,

Gyeongsangnam-do 642-792 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. 95294443.200002 (OPM140098) Page 1 of 3

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Invention Name: TURBINE BLADE HAVING SWIRLING COOLING CHANNEL AND COOLING METHOD THEREOF

Serial No.:

Date Filed:

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.

ASSIGNMENT STATEMENT Attorney Docket No. 95294443.200002 (OPM140098) Page 2 of 3

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Signature of Inventor:	
Inventor(s) Name:	Sung Chul JUNG
Residence (City/State):	Daejeon, Republic of Korea
Citizenship:	KR
Date:	2014,12.10

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