12/27/2021 507046089

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNG SHIN PARK	12/23/2021
KI HOON YANG	12/23/2021
KI DON LEE	12/23/2021
HYUNG HEE CHO	12/22/2021
HEE SEUNG PARK	12/22/2021
SEOK MIN CHOI	12/22/2021
YONG JIN KIM	12/22/2021
SU WON KIM	12/22/2021

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17562104

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> PATENT -**REEL: 058479 FRAME: 0522**

507046089

4208 EVERGREEN LN SUITE # 232 ANNANDALE, VIRGINIA 22003		
40011-1207		
DONGHEE KANG		
/Donghee Kang/		
12/27/2021		
This document serves as an Oath/Declaration (37 CFR 1.63).		
Total Attachments: 9		
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PATENT REEL: 058479 FRAME: 0523

Docket No.: 40011-1207 Only After Sept 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, DOOSAN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD. having an address at 22, Doosanvolvo-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51711, Republic of Korea, (assignee) and INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY having an address at 50, Yonsei-ro, Seodaemun-gu, Seoul 03722, Republic of Korea, (assignee) desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

As the below named inventor, I hereby of	leclar	e that:	
This assignment with declaration is directed to:		The attached application, or	
The application is entitled:		United States Application or PCT International Application Numberon	filed

TURBINE AIRFOIL AND TURBINE INCLUDING SAME

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 058479 FRAME: 0524

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REEL: 058479 FRAME: 0525

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REEL: 058479 FRAME: 0526

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REEL: 058479 FRAME: 0531

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PATENT REEL: 058479 FRAME: 0532