

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7232795

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
HANEUL KIM	12/30/2021
YUNCHANG JANG	12/31/2021
JAE BIN LEE	12/27/2021

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	17321022

**CORRESPONDENCE DATA**

**Fax Number:** (816)421-5547  
*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:** 18164746550  
**Email:** rbroz@shb.com, IPDocket@shb.com  
**Correspondent Name:** SHOOK, HARDY & BACON L.L.P.  
**Address Line 1:** 2555 GRAND BLVD.  
**Address Line 4:** KANSAS CITY, MISSOURI 64108

<b>ATTORNEY DOCKET NUMBER:</b>	41837.348569
<b>NAME OF SUBMITTER:</b>	BRYAN E. MEYER
<b>SIGNATURE:</b>	/Bryan E. Meyer/
<b>DATE SIGNED:</b>	03/18/2022

**Total Attachments: 6**

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Attorney Docket No. 20FDHI049US01/348569

ASSIGNMENT AGREEMENT

THIS ASSIGNMENT AGREEMENT is made by Gene Chong, Jae Bin Lee, Yunchang Jang, Haneul Kim, and David Ohlschwager (collectively "ASSIGNORS") for the benefit of Doosan Heavy Industries & Construction Co., Ltd., a corporation organized under the laws of the Republic of Korea and having its principal place of business at 22 Doosanvolvo-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51711, Republic of Korea ("ASSIGNEE").

WHEREAS, Gene Chong, Jae Bin Lee, Yunchang Jang, Haneul Kim, and David Ohlschwager have invented certain new and useful improvements in an invention, the title of which is:

"GAS TURBINE INNER SHROUD WITH ARRAY OF PROTRUBERANCES"

(the "INVENTION") for which application for Letters Patent of the United States has been made or is about to be made. ASSIGNORS hereby authorize legal representatives of Shook, Hardy & Bacon L.L.P. to insert here in parentheses the Application No. 17/321,022 and Filing Date May 14, 2021, of the application for Letters Patent of the United States concerning the INVENTION, when known.

WHEREAS ASSIGNEE desires to acquire an interest in, to, and under the INVENTION, said application, and any and all Letters Patent which may be granted for or upon the INVENTION in the United States of America and all countries foreign thereto.

WHEREAS, at the time of the INVENTION, Gene Chong, Jae Bin Lee, Yunchang Jang, and Haneul Kim were employees of ASSIGNEE, or one of its subsidiaries, and were and are subject to an obligation to assign their interest in the INVENTION to ASSIGNEE.

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WHEREIN, at the time of the INVENTION, David Ohlschwager was an employee of FTT America, LLC, a Florida limited liability company ("FTT"), and was and is subject to an obligation to assign his interest in the INVENTION to FTT.

WHEREIN, at the time of the INVENTION, FTT and ASSIGNEE had entered into that certain FRAMEWORK AGREEMENT FOR ENGINEERING SERVICES dated October 12, 2018, in which pursuant to article 6 of said agreement that all results and foreground information, of which the INVENTION is one, shall be owned by ASSIGNEE.

NOW, THEREFORE, in consideration of the covenants, terms, and conditions set forth herein, and for other good and valuable consideration, including consideration previously transferred, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNORS hereto agree as follows:

I. Assignment of Patent Rights Throughout the World

ASSIGNORS hereby have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said ASSIGNEE the full and exclusive right, title, and interest, throughout the world, in, to, and under said invention as fully set forth and described in the above-identified application; in, to, and under said application; in, to, and under any and all refilings, divisions, and continuations of said application; in, to, and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions, and continuations; in, to, and under any and all reissues of said Letters Patent of the United States of America; in, to, and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America, including rights of priority under the International Convention of Paris (1883) as amended; in, to, and under any and all refilings, divisions, and continuations of said foreign-filed applications; in, to, and

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under any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions, and continuations; and in, to, and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ASSIGNEE for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

## 2. Counterparts

This Assignment Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together will be deemed to be one and the same agreement. A signed copy of this Assignment Agreement delivered by facsimile, e-mail, or other means of electronic transmission (to which a signed PDF copy is attached) will be deemed to have the same legal effect as delivery of an original signed copy of Assignment Agreement.

*[Remainder of Page Intentionally Left Blank]*

2022-01-03 09:21:48(수익서비스)GTE비전개발팀/HANEULI.KIM/김 한울

Attorney Docket No. 20FDHI049US01/348569

IN WITNESS WHEREOF, the ASSIGNORS hereto have caused this Assignment Agreement to be executed as of the date written by each of their signatures below.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

Gene Chong

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

Jae Bin Lee

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

Yunchang Jang

EXECUTED this 30 day of December, 2021.

Haneul Kim

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

David Ohlschwager

Attorney Docket No. 20FDHI049US01/348569

IN WITNESS WHEREOF, the ASSIGNORS hereto have caused this Assignment Agreement to be executed as of the date written by each of their signatures below.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Gene Chong

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Jae Bin Lee

EXECUTED this 31 day of December, 2021.

\_\_\_\_\_  
Yunchang Jang

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Haneul Kim

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
David Ohlschwager

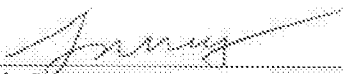
Attorney Docket No. 20FDFH049US01/348569

IN WITNESS WHEREOF, the ASSIGNORS hereto have caused this Assignment Agreement to be executed as of the date written by each of their signatures below.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Gene Chong

EXECUTED this 21 day of December, 2021.

  
\_\_\_\_\_  
Jae Bin Lee

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Yunchang Jang

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Haneul Kim

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
David Ohlschwager