

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIBA EK KIM	01/05/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOOSAN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD.
<b>Street Address:</b>	22 DOOSANVOLVO-RO, SEONGSAN-GU, CHANGWON-SI
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<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	51711
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17378893
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	41837.348571
<b>NAME OF SUBMITTER:</b>	BRYAN E. MEYER
<b>SIGNATURE:</b>	/Bryan E. Meyer/
<b>DATE SIGNED:</b>	03/18/2022
<b>Total Attachments: 4</b>	
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source=41837.348571 Assignment#page4.tif	

**ASSIGNMENT AGREEMENT**

THIS ASSIGNMENT AGREEMENT is made by Gene Chong, Andres Jaramillo, and Kibaek Kim (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, Andres Jaramillo, and Kibaek Kim have invented certain new and useful improvements in an invention, the title of which is:

AIRFOIL WITH DIRECTIONAL DIFFUSION REGION

(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. (17/378,893), and Filing Date (July 19, 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, Andres Jaramillo, and Kibaek 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.

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:

1. 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 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]*

Attorney Docket No. 20FDH046US01/348562

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 \_\_\_\_\_, 20\_\_\_\_.

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

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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

EXECUTED this 5<sup>th</sup> day of January, 2022.

\_\_\_\_\_  
Kibaek Kim

2022-01-05 10:18:18/파워서비스)GTE면제발행/KIBA EK.KIM/김기백

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Seokbeom Kim

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Bryan Bernier

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**PATENT**