PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| CHOON TACK KIM | 06/23/2015 |
| KYEONG KEUN KIM | 06/24/2015 |

RECEIVING PARTY DATA

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| City: | INCHEON |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 401-020 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14655265 |

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| ATTORNEY DOCKET NUMBER: | D297.0141US1 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | EMILY ASHLIN |
| SIGNATURE: | /Emily Ashlin/ |
| DATE SIGNED: | 06/24/2015 |

Total Attachments: 2

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> **PATENT REEL: 035897 FRAME: 0946** 503365039

ASSIGNMENT

FOR PRIORITY APPLICATION ENTERING UNITED STATES

WHEREAS, We/I, KIM, Choon Tack and , KIM, Kyeong Keun (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in:

- Korean Patent Application No. 10-2012-0152538, filed on December 24, 2012;
- International application for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating the United States, and being identified by Application No. <u>PCT/KR2013/011996</u>, filed on December 23, 2013.
- any United States Patent Application claiming priority from the above-identified Korean and/or International patent application, the United States patent application being identifiable in the United States Patent and Trademark Office by Application No. 14/655,265, filed JUNE 24, 2015;

WHEREAS, DOOSAN INFRACORE CO., LTD. (hereinafter referred to as ASSIGNEE), a Korean Limited liability company organized and existing under the laws of the Republic of Korea, and having a place of business at 7-11 Hwasu-dong, Dong-gu, Incheon 401-020 Republic of Korea, is desirous of acquiring the entire right, title and interest in and to the invention, the application and any and all Letters Patent(s) or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, all inventions and improvements which are disclosed in the patent applications, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent(s) which have been or shall be filed in the United States on any of said inventions and/or improvements, all rights of priority resulting from the filing of the above-identified patent application(s), and all Letters Patent or similar legal protection issuing thereon; and we authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

| Choon Tack Kim | |
|--|---|
| Signature of Inventor | Signature of Witness |
| Date: June 23, 2015 | Date: June 27, 2015 |
| KIM,Choon Tack | CHO, Yoonhee |
| Printed Name of Inventor | Printed Name of Inventor |
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ASSIGNMENT

FOR PRIORITY APPLICATION ENTERING UNITED STATES

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Date: 20/5 06.24

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建设。张学、新工学和文学、文章、经验、新工艺和《中华记录》、第二章和《中华记录》

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PATENT REEL: 035897 FRAME: 0948