

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7105915

|                                                                                                                                                                                                 |                                                            |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                             |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                                 |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                            |                       |
|                                                                                                                                                                                                 | <b>Name</b>                                                | <b>Execution Date</b> |
|                                                                                                                                                                                                 | JIN KYU YANG                                               | 08/18/2021            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                            |                       |
| <b>Name:</b>                                                                                                                                                                                    | LS ELECTRIC CO., LTD.                                      |                       |
| <b>Street Address:</b>                                                                                                                                                                          | LS TOWER, 127, LS-RO, DONGAN-GU                            |                       |
| <b>City:</b>                                                                                                                                                                                    | ANYANG-SI, GYEONGGI-DO                                     |                       |
| <b>State/Country:</b>                                                                                                                                                                           | KOREA, REPUBLIC OF                                         |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                            |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                                       | <b>Number</b>         |
|                                                                                                                                                                                                 | <b>Application Number:</b>                                 | 17432695              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                            |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (312)827-8185                                              |                       |
| <i>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.</i> |                                                            |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 3123721121                                                 |                       |
| <b>Email:</b>                                                                                                                                                                                   | chicago.patents@klgates.com                                |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | K&L GATES LLP                                              |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | PO BOX 1135                                                |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | CHICAGO, ILLINOIS 60690                                    |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 0313073.00975                                              |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MATTHEW S. DICKE                                           |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /MATTHEW S. DICKE/                                         |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/05/2022                                                 |                       |
|                                                                                                                                                                                                 | This document serves as an Oath/Declaration (37 CFR 1.63). |                       |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                                                            |                       |
| source=00975_Declaration#page1.tif                                                                                                                                                              |                                                            |                       |

**COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                   |                                                       |
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| Title of<br>Invention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>INVERTER PROTECTION DEVICE</b> | Attorney Docket No.<br>0313073.00975<br>(SOP115684US) |
| <p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="" type="checkbox"/> The attached application, or<br/>is directed to: <input type="checkbox"/> United States application or PCT international application number _____<br/>filed on _____</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>AND WHEREAS, LS ELECTRIC CO., LTD. (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Republic of Korea and having its principal office and place of business at (Hogye-dong) 127, LS-ro, Dongan-gu Anyang-si Gyeonggi-do 14119, Republic of Korea, desires to acquire the entire right, title, and interest therein;</p> <p>NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.</p> <p>I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.</p> <p>I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p> |                                   |                                                       |
| <p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Jin Kyu YANG Date: 08/18/2021</p> <p>Signature: </p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                   |                                                       |

**PATENT**

**RECORDED: 01/05/2022**

**REEL: 058573 FRAME: 0585**