

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Byoung Woon MIN</td> <td>09/05/2013</td> </tr> <tr> <td>Hyung Ryun PARK</td> <td>09/04/2013</td> </tr> <tr> <td>Chang Sun PARK</td> <td>09/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Byoung Woon MIN	09/05/2013	Hyung Ryun PARK	09/04/2013	Chang Sun PARK	09/04/2013
Name	Execution Date								
Byoung Woon MIN	09/05/2013								
Hyung Ryun PARK	09/04/2013								
Chang Sun PARK	09/04/2013								
RECEIVING PARTY DATA									
Name:	Hyundai Heavy Industries CO., LTD.								
Street Address:	1000, Bangeojinsunhwando-ro, Dong-gu								
City:	Ulsan								
State/Country:	KOREA, REPUBLIC OF								
Postal Code:	682-792								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14019668</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14019668				
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Application Number:	14019668								
CORRESPONDENCE DATA									
Fax Number:	7039358473								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	571-313-7556								
Email:	mail@sherr-law.com								
Correspondent Name:	SHERR & JIANG, PLLC								
Address Line 1:	620 HERNDON PARKWAY								
Address Line 2:	SUITE 320								
Address Line 4:	HERNDON, VIRGINIA 20170								
ATTORNEY DOCKET NUMBER:	662-0020								
NAME OF SUBMITTER:	Daniel H. Sherr								
Signature:	/Daniel H. Sherr/								

Date:	09/06/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=Decs-Assignments#page1.tif source=Decs-Assignments#page2.tif source=Decs-Assignments#page3.tif	

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

PTO/AIA/01 (06-12) (MODIFIED)
 Attorney Pocket No.: 662-0020
 Client Ref. No.: H130V0002P-US

Title of Invention: **DEVICE FOR MONITORING INTERNAL ARC IN GAS INSULATED SWITCHGEAR**

As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or United States application or PCT international application number _____

The above-identified application was made or 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.

WHEREAS, Hyundai Heavy Industries CO., LTD. ^{with offices at} 1000, Tanggolinsunghwondo-ro, Dong-gu Ulsan 682-792, Republic of Korea ^{hereinafter referred to as ASSIGNEE, is desirous of} acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest therein;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and/or for obtaining any release or releases of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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.

LEGAL NAME OF INVENTOR: MIN BYOUNG WOO Date: 2019 09 05

Inventor: MIN BYOUNG WOO

Signature: Min Byung Woon

SHERR & JIANG, PLLC
 620 HERRINGTON PARKWAY, SUITE 320
 HERRINGTON, VA 20170
 TEL: (571) 313-7556 | FAX: (703) 935-8473

DECLARATION OF CONFIDENTIALITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

DEVICE FOR MONITORING INTERNAL ARC IN GAS INSULATED SWITCHGEAR

As the below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application or
 United States application or PCT international application number _____
filed on: _____

The above identified application was made or 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.

With regard to the attached Heavy Industries (U.S.) LLC, I hereby declare that I have no knowledge of any other person, firm, or organization that has or may acquire an interest in, be and under such invention, said application disclosing the invention and/or be and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries.

NEW YORK, NY, in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations hereof, and in and to any and all Letters Patent of the United States, and consents hereto thereto, which may be granted for said invention, and in and to any and all priority rights and/or continuation rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue in the world respect to the filing of applications for patents or securing of patents in the United States and countries hereinafter named, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, or the assignee of the whole title, title and interest hereof.

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designees, or ASSIGNEE or its successors, assigns and legal representatives, may have here-to-forth, present or future, in and without further remuneration, in order to perfect title in said invention, modifications and improvements in said invention, applications and Letters Patent of the United States and countries hereinafter named.

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers and applications for foreign patents, for filing subdivisions of said application for patent, and for obtaining any process or release of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE, direct or indirect, may hereafter require and prepare at its own expense.

And I further agree that ASSIGNEE, with, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries, as may be known and accessible to me and will assist me in the same in any manner or in manner aforesaid.

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or conveyed into which would conflict with this assignment and sale.

I hereby acknowledge that any written false statements made in this declaration is punishable under 18 U.S.C. 1001 to the fine or imprisonment or both.

LEGAL NOTICE INVENTOR

Inventor: PAUL EDWARD RYAN

Date: Sep 24, 2013

Signature: PAUL EDWARD RYAN

SIERRA & HANG, PLLC
620 FERRISSON PARKWAY SUITE 100
HERNDON, VA 20185
TEL: 571-433-2286 | FAX: 571-433-9473

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
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Title of
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As the below named inventor, I hereby declare that:

This declaration
is directed for

- The attached application, or
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filed on _____

The above-identified application was made or 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.

WHEREAS, Hyundai Heavy Industries, Co., Ltd. with offices at
1000, Bangeobshilboero-ro, Dongnae, Ulsan 682-792, Republic of Korea (hereinafter referred to as ASSIGNEE), is desirous of
acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar
legal protection, which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of
which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal
representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations hereof, and in and
to any and all Letters Patent of the United States, and countries foreign therein, which may be granted for said invention, and in and to any and all
priority rights, and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention
Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to
any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and
countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said
ASSIGNEE, as the assignee of the whole right, title and interest therein;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE of its
designs, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further
remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the
United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for
application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or releases of any Letters
patent which may be granted for my aforesaid invention, as said ASSIGNEE hereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said
application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will assist
as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with
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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.

LEGAL NAME OF INVENTOR

Inventor: PARK, Chang Sun

Signature: [Handwritten Signature]

Date: Sept. 4, 2013

SHERR & HANG, PLLC

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HERNDON, VA 20170
TEL: (571) 319-7550 FAX: (703) 938-8478