

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT6677594

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KNU-INDUSTRY COOPERATION FOUNDATION	04/26/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KEPCO ENGINEERING & CONSTRUCTION COMPANY, INC.
<b>Street Address:</b>	269, HYEOKSIN-RO
<b>City:</b>	GIMCHEON-SI, GYEONGSANGBUK-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	39660
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	10580538
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	PLK0744565-MF
<b>NAME OF SUBMITTER:</b>	JISOO JEONG
<b>SIGNATURE:</b>	/Jisoo Jeong/
<b>DATE SIGNED:</b>	04/27/2021
<b>Total Attachments: 2</b>	
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source=Assignment#page2.tif	

## ASSIGNMENT OF PATENT

WHEREAS KEPCO ENGINEERING & CONSTRUCTION COMPANY, INC., a corporation organized and existing under the laws of Republic of Korea, whose post office address is 269, Hyeoksin-ro, Gimcheon-si, Gyeongsangbuk-do 39660, Republic of Korea, and KNU-INDUSTRY COOPERATION FOUNDATION, a corporation organized and existing under the laws of Republic of Korea, whose post office address is 1 Kangwondaehak-gil, Chuncheon-si, Gangwon-do 24341, Republic of Korea (hereinafter referred to as ASSIGNOR), are joint owners, by assignment, of the United States Letters Patent No. 10,580,538 issued on March 3, 2020 (hereinafter referred to as said PATENT), and the invention described and claimed therein as listed below:

### APPARATUS FOR DETECTING POSITION OF CONTROL ROD

AND WHEREAS, KEPCO ENGINEERING & CONSTRUCTION COMPANY, INC. (hereinafter referred to as the ASSIGNEE), is desirous of acquiring the entire right, title and interest for the United States to said PATENT and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof.

NOW THEREFORE, in consideration of the sum of one U.S. dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns, sells, transfers and sets over onto the ASSIGNEE, its assigns and legal representatives, its entire right, title and interest for the United States to said PATENT and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including the terms of any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, the ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent, and any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, respectively, and including all causes of action that may have accrued with respect to said PATENT, any patent damages from infringement, and any royalties that may be owed and due thereon, and all claims for damages by reason of past infringement of said PATENT with the right to sue for, and collect the same for the ASSIGNEE's own use, all as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the same consideration aforesaid, the ASSIGNOR agrees that the ASSIGNOR will, upon request, without expense to ASSIGNEE, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reexamination, reissue, renewal, revalidations

and/or extension applications thereof in the United States, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by the ASSIGNEE, or any assignee thereof, or by counsel for the ASSIGNEE, to assist or enable the ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This Assignment shall be binding upon the ASSIGNOR and the heirs, executors, administrators, successors and/or assigns of the ASSIGNOR, and shall inure to the benefit of the ASSIGNEE and the heirs, executors, administrators, successors, beneficiaries, distributees and/or assigns, as the case may be, of the ASSIGNEE.

IN TESTIMONY WHEREOF, this Assignment is executed by the duly authorized officer of the ASSIGNOR.

Dae Young Shin Director  
Printed Name and Title

Dae Young Shin  
Signature

KNU-INDUSTRY COOPERATION FOUNDATION

April 26, 2021  
Date