

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6216916

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SE-MIN PARK	06/09/2020
JAE SOO KIM	06/08/2020
KI-YOUNG MIN	06/09/2020
SEONG-CHEOL HONG	06/15/2020
WON-GUL LEE	06/22/2020
RECEIVING PARTY DATA	
Name:	POSCO
Street Address:	(GOEDONG-DONG) 6261, DONGHAEAN-RO, NAM-GU
City:	POHANG-SI, GYEONGSANGBUK-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	37859
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16957932
CORRESPONDENCE DATA	
Fax Number:	(202)739-3001
<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>	
Phone:	2027393000
Email:	wapatents@morganlewis.com, marcus.cunningham@morganlewis.com
Correspondent Name:	HOSANG LEE
Address Line 1:	MORGAN, LEWIS & BOCKIUS LLP
Address Line 2:	1111 PENNSYLVANIA AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20004-2541
ATTORNEY DOCKET NUMBER:	123307-5107-US
NAME OF SUBMITTER:	MARCUS CUNNINGHAM
SIGNATURE:	/Marcus Cunningham/
DATE SIGNED:	07/24/2020
Total Attachments: 12	

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COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION

Title of Invention	GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND MAGNETIC DOMAIN REFINING METHOD THEREFOR
<u>DECLARATION</u>	
As the below named and undersigned inventor, I hereby declare that:	
This declaration is directed to:	<input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/KR2018/016037</u> filed on <u>December 17, 2018</u>
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.	
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.	
Note to Inventor: 37 C.F.R. § 1.63(e) states: <i>A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56.</i>	
<u>ASSIGNMENT</u>	
WHEREAS, I have made an invention described and/or claimed in the above-identified application; and	
WHEREAS, POSCO, a corporation of the Republic of Korea, having a place of business at <u>(Gosong-dong) 6261, Donghagan-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do 37859, Republic of Korea</u> , (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title, and interest in and to said invention in all countries throughout the world and the above-identified United States patent application;	
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have assigned and do hereby assign to the ASSIGNEE, and its lawful successors and assigns, the entire right, title, and interest in and to said invention, the above-identified United States patent application and all divisions, continuations, and continuations-in-part of said application, and reissues, extensions, and renewals of Letters Patent granted thereon, and all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and all Letters Patents issuing on any such patent applications in the United States and foreign countries;	
I hereby assign to the ASSIGNEE, and its lawful successors and assigns, the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any	

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other relevant treaties,

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; and

Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name) : Se-Min PARK

Signature: _____ Date: 20.06.09

NAME OF INVENTOR (Full Legal Name) : Jae Soo KIM

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Ki-Young MIN

Signature: _____ Date: 20.06.09

NAME OF INVENTOR (Full Legal Name) : Seong-Cheol HONG

Signature: _____ Date: _____

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PATENT

Assignee Ref. No.

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NAME OF INVENTOR (Full Legal Name): Won-Gil LEE

Signature: _____ Date: _____

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COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION

Title of Invention	GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND MAGNETIC DOMAIN REFINING METHOD THEREFOR
<p><u>DECLARATION</u></p> <p>As the below named and undersigned inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or</p> <p style="margin-left: 100px;"><input checked="" type="checkbox"/> United States application or PCT international application number PCT/KR2018/016037 filed on December 17, 2018</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>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>Note to Inventor: 37 C.F.R. § 1.63(e) states: <i>A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56.</i></p> <p><u>ASSIGNMENT</u></p> <p>WHEREAS, I have made an invention described and/or claimed in the above-identified application; and</p> <p>WHEREAS, POSCO, a corporation of the Republic of Korea, having a place of business at (Goedong-dong) 6261, Donghagan-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do 37859, Republic of Korea, (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title, and interest in and to said invention in all countries throughout the world and the above-identified United States patent application;</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have assigned and do hereby assign to the ASSIGNEE, and its lawful successors and assigns, the entire right, title, and interest in and to said invention, the above-identified United States patent application and all divisions, continuations, and continuations-in-part of said application, and reissues, extensions, and renewals of Letters Patent granted thereon, and all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and all Letters Patents issuing on any such patent applications in the United States and foreign countries;</p> <p>I hereby assign to the ASSIGNEE, and its lawful successors and assigns, the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any</p>	

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other relevant treaties;

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

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I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; and

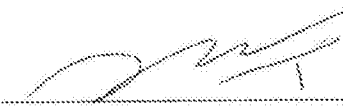
Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name) : Se-Min PARK

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Jae Soo KIM

Signature:  Date: 06/08/2020

NAME OF INVENTOR (Full Legal Name) : Ki-Young MIN

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Seong-Cheol HONG

Signature: _____ Date: _____

Morgan, Lewis & Bockius LLP

Assignee Ref. No.

Page 3 / 3

NAME OF INVENTOR (Full Legal Name): Won-Gil LEE

Signature: _____ Date: _____

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COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION

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Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Ki-Young MIN

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Seong-Cheol HONG

Signature: [Handwritten Signature] Date: 6.15, 2020

Morgan, Lewis & Bockius LLP

Assignee Ref. No.

Page 3 / 3

NAME OF INVENTOR (Full Legal Name): Won-Gil LEE

Signature: _____ Date: _____

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POSCO CONFIDENTIAL generalkim72406060394138741

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Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Jae Soo KIM

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Ki-Young MIN

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name) : Seong-Cheol HONG

Signature: _____ Date: _____

Assignee Ref. No.

Page 3 / 3

NAME OF INVENTOR (Full Legal Name): Won-Gil LEE

Signature:  Date: June 22, 2020

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