

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SANGHYUN KIM	11/26/2018
KWANGHEE LEE	11/26/2018
MYOUNG KYUN SHIN	11/26/2018
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	8728384
Patent Number:	9365906
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DATE SIGNED:	10/08/2019
Total Attachments: 2 source=02462521#page1.tif source=02462521#page2.tif	

PATENT ASSIGNMENT

WHEREAS, We, Sanghyun KIM located at 108-704 Central Heights Apt. Nam-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea, Kwanghee LEE located at 329-202, Jigok-ro 303, Nam-gu, Pohang-si, Gyeongsangbuk-do, 37671, Republic of Korea and Myoung Kyun SHIN, located at 216-1302, Jigok-ro 294, Nam-gu, Pohang-si, Gyeongsangbuk-do, 37669, Republic of Korea (hereafter ASSIGNORS), have invented certain improvements in PROCESS AND DEVICE FOR CHARGING INTO A SMELTING UNIT, in U.S. Patent 8,728,384, having an issue date of May 20, 2014 and U.S. Patent 9,365,906 having an issue date of June 14, 2016.

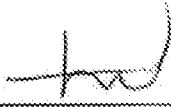
WHEREAS, POSCO, a corporation organized and existing under the laws of Republic of Korea, located at 1 Goedong-dong, Nam-gu, Pohang, Kyeonbuk 790-785, Republic of Korea (hereafter referred to as an ASSIGNEE) and PRIMETALS TECHNOLOGIES AUSTRIA GMBH, a corporation organized and existing under the laws of Austria located at Turnstrasse 44, 4031 Linz, Austria (hereafter referred to as ASSIGNEE) want to acquire jointly all right, title and interest in and to said invention, U.S. Patent Nos. 8,728,384 and 9,365,906.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Sanghyun KIM, Kwanghee LEE and Myoung Kyun SHIN as Assignors hereby sell, assign and set over to said Assignees POSCO and PRIMETALS TECHNOLOGIES AUSTRIA GMBH, the "ASSIGNEES", their entire right, title and interest for the United States in and to said invention and the aforesaid Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignees herein, as Assignees of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications

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for Patent on said inventions and all assignments thereof to said Assignees or their representatives, to communicate to said Assignees or their representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignees, their successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said Assignees.

Date: November 26th, 2018


Sanghyun KIM

Date: November 26th, 2018


Kwanghee LEE

Date: November 26th, 2018


Myoung Kyun SHIN

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