

PATENT ASSIGNMENT

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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>Joonseaong KI</td> <td>12/30/2011</td> </tr> <tr> <td>Jinill HWANG</td> <td>12/30/2011</td> </tr> </tbody> </table>		Name	Execution Date	Joonseaong KI	12/30/2011	Jinill HWANG	12/30/2011				
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<table border="1"> <tr> <td>Name:</td> <td>HYUNDAI STEEL COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>1-10, Songhyeon-dong, Dong-gu</td> </tr> <tr> <td>City:</td> <td>Incheon</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>401-040</td> </tr> </table>		Name:	HYUNDAI STEEL COMPANY	Street Address:	1-10, Songhyeon-dong, Dong-gu	City:	Incheon	State/Country:	REPUBLIC OF KOREA	Postal Code:	401-040
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CORRESPONDENCE DATA											
<p>Fax Number: (949)760-9502 Phone: 949-760-0404 Email: efilng@kmob.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Knobbe Martens Olson & Bear LLP Address Line 1: 2040 Main Street Address Line 2: 14th Floor Address Line 4: Irvine, CALIFORNIA 92614</p>											
ATTORNEY DOCKET NUMBER:	HDSHAN.011C1										
NAME OF SUBMITTER:	Mincheol Kim										
Total Attachments: 1 source=Assignment-HDSHAN-011C1#page1.tif											

OP \$40.00 13311424

ASSIGNMENT

WHEREAS, I, the undersigned, have invented certain new and useful improvements entitled "SLAG DISCHARGE DOOR APPARATUS FOR ELECTRIC FURNACE" for which I have executed a Declaration for a U.S. Patent Application on the same date hereof or for which I filed U.S. Patent Application No. 13/311,424 on December 5, 2011. In case this document is signed after the filing date and is provided without the filing date and/or the application number, I authorize the registrants of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995 to include the filing date and application number in the blanks before filing this document for recordation with the United States Patent and Trademark Office.

AND WHEREAS, HYUNDAI STEEL COMPANY (hereinafter "ASSIGNEE"), a Korean Corporation, with its principal place of business at 1-10, Songhyeon-dong, Dong-gu, Incheon 401-040, Republic of Korea, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I do hereby acknowledge that I have assigned, transferred and set over, and by these presents do hereby assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest, to and under the said improvements, and the said Application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof; and I hereby authorize and request the Commissioner of Patents of the United States of America to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I DO HEREBY assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Name: KI, Joonseong

Date: December 30, 2011

Signature: 

Address: 119-1201, Poongrim Apt.

339 Songnim-dong, Dong-gu, Incheon

401-070, Republic of Korea

Name: HWANG, Jinill

Date: December 30, 2011

Signature: 

Address: 206-705, Cheongna Well County

776-2 Yeonhui-dong, Seo-gu, Incheon

404-180, Republic of Korea

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