

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Myoung-Kyun SHIN	05/21/2009
Sang-Hyun KIM	05/21/2009
Min-Chul PARK	05/21/2009
Sang-Hoon JOO	05/21/2009
Robert MILLNER	05/28/2009

**RECEIVING PARTY DATA**

Name:	POSCO
Street Address:	1, Goedong-dong, Nam-ku, Pohang-shi
City:	Kyungsangbuk-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	790-300

Name:	SIEMENS VAI METALS TECHNOLOGIES GMBH & CO.
Street Address:	Turmstrasse 44
City:	Linz
State/Country:	AUSTRIA
Postal Code:	A-4031

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12519739

**CORRESPONDENCE DATA**

Fax Number: (202)408-4400  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 2024084000  
 Email: bernie.carson@finnegan.com  
 Correspondent Name: FINNEGAN

OP \$40.00 12519739

Address Line 1: 901 NEW YORK AVENUE NW  
Address Line 4: WASHINGTON DC, DISTRICT OF COLUMBIA 20001

ATTORNEY DOCKET NUMBER:	04691.0171
-------------------------	------------

NAME OF SUBMITTER:	B.Carson
--------------------	----------

Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif
--

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**APPARATUS FOR GENERATING ENERGY USING A SENSIBLE HEAT DURING MANUFACTURING OF MOLTEN IRON AND METHOD FOR GENERATING ENERGY USING THE SAME**

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on [Date], 20[Year] (Application No. [Text]); and

WHEREAS, **POSCO**

a corporation of Republic of Korea

whose post office address is 1, Goedong-dong, Nam-ku, Pohang-shi, Kyung-sangbuk-do 790-300, Republic of Korea

; and **SIEMENS VAI METALS TECHNOLOGIES GMBH & CO.**

a corporation of Austria

whose post office address is Turmstrasse 44, A-4031 Linz, Austria

(hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignees is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignees, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>SHIN, Myoung-Kyun</b>	ASSIGNOR'S SIGNATURE <i>Shin, Myoung-Kyun</i>	DATE <b>May 21, 2009</b>
ADDRESS <b>c/o POSCO, 5 Dongchon-dong, Nam-ku, Pohang-shi, Kyung-sangbuk-do, 790-360 Republic of Korea</b>		CITIZENSHIP <b>KR</b>
2. FULL NAME OF SECOND ASSIGNOR, IF ANY <b>KIM, Sang-Hyun</b>	ASSIGNOR'S SIGNATURE <i>KIM, SANG-HYUN</i>	DATE <b>May 21, 2009</b>
ADDRESS <b>c/o POSCO, 5 Dongchon-dong, Nam-ku, Pohang-shi, Kyung-sangbuk-do, 790-360 Republic of Korea</b>		CITIZENSHIP <b>KR</b>

SOLE/JOINT INVENTION  
(U.S. Rights Only)  
Attorney Docket No.

3. FULL NAME OF THIRD ASSIGNOR, IF ANY <b>PARK, Min-Chul</b>	ASSIGNOR'S SIGNATURE <i>Min-Chul Park</i>	DATE <b>May 21, 2009</b>
ADDRESS <b>c/o POSCO, 5 Dongchon-dong, Nam-ku, Pohang-shi, Kyung-sangbuk-do, 790-360 Republic of Korea</b>		CITIZENSHIP <b>KR</b>
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY <b>JOO, Sang-Hoon</b>	ASSIGNOR'S SIGNATURE <i>Joo</i>	DATE <b>May 21, 2009</b>
ADDRESS <b>c/o POSCO, 5 Dongchon-dong, Nam-ku, Pohang-shi, Kyung-sangbuk-do, 790-360 Republic of Korea</b>		CITIZENSHIP <b>KR</b>
4. FULL NAME OF FIFTH ASSIGNOR, IF ANY <b>MILLNER, Robert</b>	ASSIGNOR'S SIGNATURE <i>R. Miller</i>	DATE <b>May 28, 2009</b>
ADDRESS <b>c/o SIEMENS VAI METALS TECHNOLOGIES GMBH &amp; CO., Turmstrasse 44, A-4031 Linz, Austria</b>		CITIZENSHIP <b>AT</b>