502161309 12/13/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Јае-Но Јоо	10/25/2012
Sung-Moon Kim	10/25/2012
Byung-Uk Lee	10/25/2012
In-Suk So	10/25/2012

RECEIVING PARTY DATA

Name:	POSCO
Street Address:	1 Koedong-dong, Nam-gu, Pohang
City:	Kyungsangbook-do
State/Country:	KOREA, REPUBLIC OF
Postal Code:	790-300

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13703968

CORRESPONDENCE DATA

Fax Number: 4129455933

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ATTORNEY DOCKET NUMBER:	1455-123761
NAME OF SUBMITTER:	Kent E. Baldauf

Total Attachments: 4

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PATENT REEL: 029460 FRAME: 0783 OF \$40.00 13/03968

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RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies) Jae-Ho JOO In-Suk SO Sung-Moon KIM Byung-Uk LEE	2. Name and address of receiving party(ies) Name: POSCO Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) October 25, 2012 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	Street Address: 1 Koedong-dong, Nam-gu City: Pohang State: Kyungsangbook-do Country: KRZip: 790-300
Other	Additional name(s) & address(es) attached?
A. Patent Application No.(s) 13/703,968 Additional numbers attempts and address to whom correspondence	B. Patent No.(s) ached? Yes No 6. Total number of applications and patents
concerning document should be mailed: Name: Kent E. Baldauf	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: The Webb Law Firm Street Address: One Gateway Center 420 Fort Duquesne Boulevard, Suite 1200	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Pittsburgh	8. Payment Information
State: PA Zip: 15222 Phone Number: 412-471-8815 Docket Number: 1455-123761 Email Address: assignments@webblaw.com	Deposit Account NumberAuthorized User Name
9. Signature: Kent & Bale	December 13, 2012
Signature Kent E. Baldauf, Reg. No. 25,826 Name of Person Signing Documents to be recorded (including cover sheet)	Total number of pages including cover sheet, attachments, and documents:

REEL: 029460 FRAME: 0784

 $\begin{array}{c} \text{INTERNATIONAL} \\ \text{Application No.} \ 13/703,968 \\ \text{Attorney Docket No.} \ 1455-123761 \end{array}$

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful
improvements in
DEVICE FOR SUPPORTING MOLTEN METAL CONTAINER
(Invention Title)
for which I have this day executed an application for a United States Patent (hereinafter "said application").
AND/OR
for which an application for a United States Patent was filed on and bears Application Number (hereinafter "said application"). AND/OR
for which an international patent application was filed under the Patent Cooperation Treaty on 7/7/2011 (nnm/dd/yyyy), bearing Application No. PCT/KR2011/004977 (hereinafter "said application").
AND, WHEREAS, POSCO, a corporation of Republic of Korea, having a place of business at 1 Koedong-dong, Nam-gu, Pohang, Kyungsangbook-do 790-300, Republic of Korea hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.
NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged. I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.
I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.
And for the consideration aforesaid, I agree individually and, if applicable, jointly

testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits

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that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

 $\begin{array}{c} \text{INTERNATIONAL} \\ \text{Application No.} \ \underline{13/703,968} \\ \text{Attorney Docket No.} \ \underline{1455-123761} \end{array}$

from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Jac-Ho JOO	RESIDENCE: Gwangyang-si, Republic of Korea
EXECUTED this 24-th day of lobber,	2012 Jac - Ho Joo SIGNATURE
WITNESS: Jmy	
Na-Young JEON	
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2. FULL NAME OF ASSIGNOR: Sung-Moon KIM	RESIDENCE: Gwangyang-si, Republic of Korea
EXECUTED this 1 day of 10,	2012 SIGNATURE
WITNESS: Jmy Na-Young JEON	

X Checked Box indicates 1 additional page(s) for inventor signatures.

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Application No. 13/703,968
Attorney Docket No. 1455-123761

3. FULL NAME OF ASSIGNOR:	RESIDENCE:
Byung-Uk LEE	Gwangyang-si, Republic of Korea
EXECUTED this 25 thay of Octob	Ser. 2012
	SIGNATURE
WITNESS:	
-Jmg	
Na-Young JEON	-
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4. FULL NAME OF ASSIGNOR:	DEGINENCE.
In-Suk SO	RESIDENCE: Gwangyang-si, Republic of Korea
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EXECUTED this It that of October	.2012
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	SIGNATURE
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WITNESS:	
Jul	
Na-Young JEON	