504373106 05/18/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
COLIN CARTMILL			05/02/2017	
RECEIVING PARTY I	ΟΑΤΑ			
Name:	REFRA	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG		
Street Address:	WIENEI	WIENERBERGSTRASSE 11		
City:	WIEN	WIEN		
State/Country:	AUSTR	AUSTRIA		
Postal Code:	AT-110	AT-1100		
Property Type		Number 15527747		
Application Number:		15507747		
Application Number		15527747		
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ASSIGNMENT OF U.S. PATENT APPLICATION

WHEREAS, I, Colin Cartmill having a mailing address of 281 Highway 552, East Goulais River, Ontario Canada POS1EO, (hereinafter referred to as the "Assignor") have invented certain new and useful improvements in

Device for Inserting a Refractory Block Into a Taphole Structure of a Metallurgical Vessel, in Particular a Basic Oxygen Furnace, and a Method for an Automatic Supply of the Refractory

and

for which I am about to file a non-provisional application in the U.S. Patent and Trademark Office; or

for which a non-provisional application has been filed in the U.S. Patent and Trademark Office on <u>May 18, 2017</u> and assigned Ser. No. <u>15/527,747</u> (I hereby authorize and request my attorney to insert herein the filing date and serial number of the application when known); and

WHEREAS, Refractory Intellectual Property GmbH & Co. KG of Wienerbergstrasse 11, A-1100 Wien, Austria ("Assignee"), is desirous of obtaining the entire right, title and interest in, to and under the invention and the application;

NOW, THEREFORE, in consideration of the sum of <u>One Swiss Franc</u> to me in hand paid, and/or other good and valuable consideration, the receipt of which is hereby acknowledged, I, the Assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention and the U.S. nonprovisional application, and all divisionals, reissues, renewals and continuations thereof, and all patents of the United States which may be granted thereon and all reissues and extensions thereof; and I HEREBY authorize and request the Commissioner for Patents of the United States to issue any patent granted from the application to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

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I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith; and

I HEREBY further covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the invention in the United States, and testify in any legal proceedings in the United States, sign all lawful papers for protection of the invention in the United States, execute all divisional, reissue and continuation applications in the United States, make all rightful oaths to protect the invention in the United States, and generally do everything possible to ald the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in the United States.

IN TESTIMONY WHEREOF, I hereunto set my hand the day and year set forth opposite my signature.

GE

Colin Cartmill

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May 02/2017

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Date