506420335 12/23/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BEAT HEINRICH	11/30/2020
THOMAS AMSTUTZ	11/30/2020

RECEIVING PARTY DATA

Name:	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG
Street Address:	WIENERBERGSTRASSE 11
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State/Country:	AUSTRIA
Postal Code:	AT-1100

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17255752

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ATTORNEY DOCKET NUMBER:	155.317
NAME OF SUBMITTER:	BRIAN ROFFE
SIGNATURE:	/Brian Roffe/
DATE SIGNED:	12/23/2020

Total Attachments: 2

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PATENT 506420335 REEL: 054740 FRAME: 0840

ASSIGNMENT OF U.S. PATENT APPLICATION

WHEREAS, We, Beat Heinrich, having a mailing address of Loorenstrasse 29d, Zurich, Switzerland CH-8053, and Thomas Amstutz, having a mailing address of Küfermattstrasse 33A, Sins, Switzerland CH-5643 (hereinafter referred to as the "Assignors") have invented certain new and useful improvements in a Sliding Closure for a Metallurgical Vessel, Preferably a Distributor Vessel for a Continuous Casting Facility, and

for which we are 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 December 23, 2020 and assigned Ser. No. 17/255,752 (each of us hereby authorizes and requests our 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, AT-1100 Wien, Austria ("Assignee"), is desirous of obtaining the entire right, title and interest in, to and under the U.S. nonprovisional application;

NOW, THEREFORE, in consideration of the sum of <u>One Swiss Franc</u> to each of us in hand paid, and/or other good and valuable consideration, the receipt of which is hereby acknowledged. We, the Assignors, 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 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

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

WE HEREBY further covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to us 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 aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in the United States.

IN TESTIMONY WHEREOF, each of us hereunto sets our hand the day and year set forth opposite the respective signature.

the flowing the	So. 11. 20
Beat Heinrich	Date
A. Malake	30./120
Thomas Amstutz	Date