

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7744468

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BEAT HEINRICH	01/09/2023
JEAN-DANIEL COUSIN	01/09/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG
<b>Street Address:</b>	WIENERBERGSTRASSE 11
<b>City:</b>	WIEN
<b>State/Country:</b>	AUSTRIA
<b>Postal Code:</b>	AT-1100
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18005677
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	516-448-6435
<b>Email:</b>	patentattorney@comcast.net
<b>Correspondent Name:</b>	BRIAN ROFFE
<b>Address Line 1:</b>	10034 DIAMOND LAKE DRIVE
<b>Address Line 4:</b>	BOYNTON BEACH, UNITED STATES 33437
<b>ATTORNEY DOCKET NUMBER:</b>	155.343
<b>NAME OF SUBMITTER:</b>	BRIAN ROFFE
<b>SIGNATURE:</b>	/Brian Roffe/
<b>DATE SIGNED:</b>	01/17/2023
<b>Total Attachments: 2</b>	
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ASSIGNMENT OF U.S. PATENT APPLICATION

WHEREAS, We, Beat Heinrich having a mailing address of Loorenstrasse 29d, Zurich, Switzerland CH-8053, and Jean-Daniel Cousin having a mailing address of Bundesstrasse 17, Luzern, Switzerland CH-6003 (hereinafter referred to as the "Assignors") have invented certain new and useful improvements in a Slide Gate on the Spout of a Metallurgical Vessel, 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 January 17, 2023 and assigned Ser. No. 18/005,677 (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;

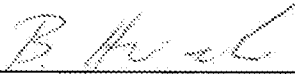
NOW, THEREFORE, in consideration of the sum of One Swiss Franc to each of us in hand paid, and/or other good and valuable consideration, the receipt of which is hereby acknowledged, We, the Assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer 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


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.

  
Beat Heinrich

03-01-2023  
Date

  
Jean-Daniel Cousin

03-01-2023  
Date