

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                 |                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                     |                       |
| <b>CONVEYING PARTY DATA</b>   |  |                       |
|   | <b>Name</b>                                    | <b>Execution Date</b> |
|   | RAPHAEL RENGGLI                                | 01/12/2022            |
| <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:                            | 17597248              |
| <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> |  |                       |
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| <b>Correspondent Name:</b>  | BRIAN ROFFE                                    |                       |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 155.328  |                       |
| <b>NAME OF SUBMITTER:</b>   | BRIAN ROFFE                                    |                       |
| <b>SIGNATURE:</b>   | /Brian Roffe/                                  |                       |
| <b>DATE SIGNED:</b>   | 01/12/2022                                     |                       |
| <b>Total Attachments: 2</b>   |  |                       |
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| source=155-328-Assignment-signed#page2.tif  |  |                       |

**ASSIGNMENT OF U.S. PATENT APPLICATION**

WHEREAS, I, Raphael Renggli, having a mailing address of Lindenmatt 16b, Rotkreuz, Switzerland CH-6343 (hereinafter referred to as the "Assignor") have invented certain new and useful improvements in a Device for manipulating preferably a casting tube in a changing device at the spout of a metallurgical vessel, 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 December 30, 2021 and assigned Ser. No. 17/597,248 (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, 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 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 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

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

*Raphael Renggli*

\_\_\_\_\_  
Raphael Renggli

12.01.2022

\_\_\_\_\_  
Date