506589290 04/01/2021 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
ANDREAS VOLKERT			03/23/2021
DANNY SCHREIBER			03/22/2021
SVEN FUCHS			03/22/2021
RALF SCHWEIKLE			03/22/2021
RECEIVING PARTY DA	ТА		
Name:	BADISCHE STAHL-ENGINEERING GMBH		
Street Address:	ROBERT-KOCH-STRASSE 13		
City:	KEHL		
State/Country:	GERMANY		
Postal Code:	77694		
PROPERTY NUMBERS Property Type	Total: 1	Number	
		Number 7220574	
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to provided; J 4 S		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provided; J 4 S F	7220574 <i>the e-mail address first; if that is unsult</i> <i>if that is unsuccessful, it will be sent</i> nail@jtek-law.com I-TEK LAW PLLC 1000 LEGATO ROAD SUITE 1100	
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provided; J 4 S F	7220574 <i>the e-mail address first; if that is unsu</i> <i>if that is unsuccessful, it will be sent</i> nail@jtek-law.com I-TEK LAW PLLC 000 LEGATO ROAD SUITE 1100 FAIRFAX, VIRGINIA 22033	
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NOTICE OF ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventor(s):

Andreas VOLKERT Im Hohfeld 17, Kehl, 77694, Germany

Danny SCHREIBER Im Hinterhof 8, Kehl, 77694, Germany

Sven FUCHS Bahnhofstr. 34, Willstätt-Legelshurst, 77731, Germany

Ralf SCHWEIKLE Kirchstr. 7/1, Gutach im Breisgau, 79261, Germany

(hereinafter referred to as "the Assignor(s)"), has/have invented certain new and useful improvements in "DEVICE FOR MAINTAINING A TAP HOLE OF AN ELECTRIC ARC FURNACE", for which a patent application will be or has been filed in the U.S. claiming priority to European patent application serial number EP 20 168 812.4 filed on April 8, 2020; and

WHEREAS, Badische Stahl-Engineering GmbH, a limited liability company organized under the laws of the Germany and having a principal place of business at Robert-Koch-Strasse 13, Kehl, 77694, Germany (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest of the Assignor(s) in and to said improvements, the entire right, title and interest of the Assignor(s) in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) hereby confirm(s) that, in accordance with his/their employment contractual obligations to the Assignee, the Assignor(s) has/have previously sold, assigned, transferred, and set over unto the Assignee, their successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for their own use and behalf and the use and behalf of their successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made:

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is/are the sole and lawful

PATENT REEL: 055801 FRAME: 0108

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owner(s) of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignce, their successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Patents, or any reissue or extension of any Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Patents for said improvements, without charge to the Assignee, their successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns;

AND the Assignor(s) hereby request(s) the Commissioner tents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, their successors, legal representatives, and assigns.

Date: 03/23/2024

Date: (23)

Date: 03/22/2021 Date: 03/22/2021

By____ ndreas VOLKERT

By Danny SCHREIBER

By Sven FUĆHS

By

Ralf SCHWEIKLE