506942517 10/26/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6989354

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SERGEJS SPITANS	08/05/2020
HENRICK FRANZ	08/17/2020
BJOERN SEHRING	08/17/2020
EGON BAUER	08/05/2020
ANDREAS KRIEGER	08/19/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17049526	

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ATTORNEY DOCKET NUMBER:	84410-323392	
NAME OF SUBMITTER:	ME OF SUBMITTER: RYAN L. MARSHALL, REG. NO 47770	
SIGNATURE:	/Ryan L. Marshall/	
DATE SIGNED:	10/26/2021	

Total Attachments: 2

PATENT REEL: 057916 FRAME: 0534 source=84410-323392 Executed Assignment#page1.tif source=84410-323392 Executed Assignment#page2.tif

PATENT REEL: 057916 FRAME: 0535

Docket No. 84410-323392 Application Number: 17/049526

ASSIGNMENT

WHEREAS, we, <u>Sergejs Spitans</u>; <u>Henrik Franz</u>; <u>Björn Sehring</u>; <u>Egon Bauer</u>; and <u>Andreas Krieger</u>, residing at <u>Grünaustr. 13, 63457 Hanau, Germany</u>; <u>Mühlstr. 14, 63579</u> <u>Freigericht-Horbach, Germany</u>; <u>Steigstr. 11, 63856 Bessenbach, Germany</u>; <u>Buchenweg 4, 63856 Bessenbach, Germany</u>; and <u>Adolf-Reichwein-Straße 15, 60320 Frankfurt am Main, Germany</u>, respectively, have made certain new and useful inventions and improvements in:

LEVITATION MELTING METHOD USING MOVABLE INDUCTION UNITS; set forth in:

(1)		United States provisional patent application	
	(a)	bearing Application Nofiled on; or	
	(b)	to be filed herewith;	
(2)	\boxtimes	United States nonprovisional patent application	
	(a)	filed herewith; or	
	(b)	bearing Application No. 17/049526, filed on October 21, 2020; and	
(3)		International Patent Application No, designating the United States	
		and filed on;	

AND WHEREAS, <u>ALD Vacuum Technologies GmbH</u>, a corporation, having an office and place of business at <u>Otto-von-Guericke-Platz 1, 63457 Hanau, Germany</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, set over, and transferred, and by these presents do sell, assign, set over and transfer unto said Assignee, its successors or assigns, the entire right, title and interest in and to said inventions and improvements, the right to file applications for all countries in and to all inventions and improvements disclosed in the aforesaid application, the entire right, title and interest in and to the said application, any and all other applications for Letters Patent on said inventions and improvements, including all provisional, nonprovisional, divisional, continuation, continuation-inpart, and renewal applications based in whole, or in part, upon said inventions or improvements, or upon said applications, and all Letters Patent which may be granted therefrom, and all reissues, reexaminations, or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I/we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as berein expressed is possessed by me/us.

AND, I/we hereby authorize and request the attorneys of Barnes & Thomburg LLP to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5. day of August. 2020.
Sergess Sprians
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of 1694 1, 2020.
Henrik Franz
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of 45 45 2020.
Björk Sennag
IN TESTIMONY WHEREOF, I have bereunto set my hange this 5, day of Aug. 2020.
Egrin Baner
IN TESTIMONY WHEREOF, I have becount oset my help this 19 day of 445. 2020.
Andrew Krieser
12.000 manuscrip (200)

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RECORDED: 10/26/2021