503744465 03/18/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DMITRIY ALEKSANDROVICH SIMAKOV	12/16/2015
ALEKSANDR OLEGOVICH GUSEV	12/16/2015

RECEIVING PARTY DATA

Name:	UNITED COMPANY RUSAL ENGINEERING AND TECHNOLOGY CENTRE LLC
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State/Country:	RUSSIAN FEDERATION
Postal Code:	66011

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14910483

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NAME OF SUBMITTER:	LEILANI P. LEGASPI
SIGNATURE:	/Leilani P. Legaspi/
DATE SIGNED:	03/18/2016

Total Attachments: 3

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PATENT 503744465 REEL: 038035 FRAME: 0646

ASSIGNMENT

WHEREAS WE, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

IRON-BASED ANODE FOR PRODUCING ALUMINUM BY ELECTROLYSIS OF MELTS

AND WHEREAS, United Company RUSAL Engineering and Technology Centre LLC, a corporation of Russia, whose post office address is ul. Pogranichnikov, 37, str. 1, g. Krasnoyarsk, 660111, Russia [hereinafter referred to as "Assignee"], are desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for and in consideration in hand paid and other good and valuable consideration the receipt of which from assignee, is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, OUR entire right, title and interest in and to this invention and this application, and all non-provisional applications, divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals and reissues thereof; and WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND WE HEREBY further convenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all non-provisional, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, it successors and assigns.

NDC - 994098/996917 - 7278726 v1

IN TESTIMONY WHEREOF, WE have hereunto set our hands.

Dmitriy Aleksandrovich SIMAKOV	
Full Name of First Inventor	
c/o United Company RUSAL Engineering and Technology Cul. Pogranichnikov, 37, str. 1, g. Krasnoyarsk, 660111, Russi	
Address	
Assignor's Signature	
16-12-2015	
Date	
Names of Additional Inventors' Signatures Attached [X] Ye	s No

Attorney Docket No. 004008-000017 Joint Invention (Workfwide Rights) Page 3

44.1 (
Aleksandr Olegovich GUSEV		
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PATENT REEL: 038035 FRAME: 0649