505978623 03/20/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS A. WEIRAUCH JR.	07/28/2010
LANCE M. SWORTS	07/28/2010
BRIAN J. TIESLSCH	07/28/2010
ROBERT A. DIMILIA	07/28/2010

RECEIVING PARTY DATA

Name:	ALCOA INC.
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City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15212-5858

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16140276

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NAME OF SUBMITTER: MARILYN MORRIS

SIGNATURE: /MARILYN MORRIS/

DATE SIGNED: 03/20/2020

Total Attachments: 2

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PATENT 505978623 REEL: 052182 FRAME: 0683

ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, Douglas A. Weirauch, Jr. of 3925 Laurel Oak Circle, Murrysville, PA 15668; Lance M. Sworts of 2538 Richdale Drive, New Kensington, PA 15068; Brian J. Tielsch of 421 Jamie Drive, Belle Vernon, PA 15012; and Robert A. DiMilia of 803 Saddleback Court, Greensburg, PA 15601; have invented a certain new and useful invention entitled "COMPOSITION FOR MAKING WETTABLE CATHODE IN ALUMINUM SMELTING," which was filed as U.S. Provisional Patent Application Serial No. 61/229,083, on July 28, 2009 and further identified as Attorney File No. CLP 09-0907, and which a U.S. Non-Provisional Patent Application (identified as Attorney File No. 09-0907UTL), and an International Patent Application (PCT) (identified as Attorney File No. 09-0907WO) are being filed.

NOW THEREFORE, be it known that we, for and in consideration of one-dollar (\$1) and other certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Alcoa Inc., a Pennsylvania corporation having a place of business at Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid applications and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; we also assign any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; we warrant that no assignment of the invention(s), application or patent therefor has been made to a party other than Alcoa Inc.; we warrant that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than Alcoa Inc.; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **Alcoa Inc.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, I hereby irrevocably appoint Alcoa Inc., its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: JULY 28 2010

Douglas A. Weirauch, Jr.

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Date: July 28th, 2010	By: Lance M. Sworts
Date: 7/28/2010	By: Bring & Sielses
·	Brian J. Tielsch
Date: 7/28/2010	By: No los A Di Mulia Robert A. DiMilia

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