

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the receiving parties (Assignees) previously recorded on Reel 018899 Frame 0987. Assignor(s) hereby confirms the addition of Elkem AS as an Assignee.

CONVEYING PARTY DATA

Name	Execution Date
Richard J. Fruehan	07/20/2009

RECEIVING PARTY DATA

Name:	Alcoa Inc.
Street Address:	201 Isabella Street
Internal Address:	Alcoa Corporate Center
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15212-5858

Name:	Elkem AS
Street Address:	Hoffsveien 65 B
City:	Oslo
State/Country:	NORWAY
Postal Code:	0377

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11676017

CORRESPONDENCE DATA

Fax Number: (720)904-6118
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 303-572-6500
 Email: briggsh@gtlaw.com
 Correspondent Name: Heath J. Briggs
 Address Line 1: 1200 17th Street, Suite 2400

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Address Line 2: The Tabor Center
Address Line 4: Denver, COLORADO 80202

ATTORNEY DOCKET NUMBER:	06-2414
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NAME OF SUBMITTER:	Marilyn Morris
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Total Attachments: 2 source=record-assign-Alcoa-Elkem#page1.tif source=record-assign-Alcoa-Elkem#page2.tif
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TO: HEATH J. BRIGGS COMPANY: 1 0 17TH STREET

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.102/16/2007
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Richard J. Fruehan	02/15/2007
RECEIVING PARTY DATA	
Name:	Alcoa Inc.
Street Address:	201 Isabella Street
Internal Address:	Alcoa Corporate Center
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15212-5858
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11676017
CORRESPONDENCE DATA	
Fax Number:	(720)904-6135
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	303-685-7418
Email:	briggsh@gtlaw.com
Correspondent Name:	Heath J. Briggs
Address Line 1:	1200 17th Street
Address Line 4:	Denver, COLORADO 80202
ATTORNEY DOCKET NUMBER:	06-2414
NAME OF SUBMITTER:	Travis Clair
Total Attachments: 1 source=01 - Final_Assignment#page1.tif	

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ASSIGNMENT

WHEREAS, I, **Richard J. Fruehan** of 3626 Cal-Ken Court, Murrysville, PA 15668, have invented a certain new and useful invention entitled **LOW CARBON ALUMINUM PRODUCTION METHOD USING FURNACE CARBOTHERMIC REDUCTION OPERATED IN BATCH MODE** for which a patent application has been prepared and further identified as Attorney File No. **06-2414**;

NOW THEREFORE, be it known that I, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignees do sell, assign and transfer unto said assignees:

Alcoa Inc., a **Pennsylvania** corporation having a place of business at **Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858**, and

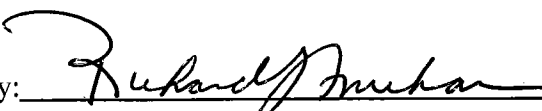
Elkem AS, a corporation of **Norway**, having a place of business at **Hoffsveien 65 B, 0377 Oslo, Norway**;

their successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, 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; I also assign any right, title or interest in and to the invention(s) that has not already been transferred to the assignees; I warrant that no assignment of the invention(s), application or patent therefor has been made to parties other than **Alcoa Inc. and Elkem AS**; I warrant that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any parties other than **Alcoa Inc. and Elkem AS**; and I further agree to cooperate with the assignees hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignees' exclusive ownership of the invention(s), but at the expense of said assignees.

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. and Elkem AS**, their successors, legal representatives and assigns, as the assignees of the entire right, title and interest therein.

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

Date: July 20, 2009

By: 
Richard J. Fruehan