

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3865786

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK WEAVER	08/29/2014
KYLE CRUM	08/29/2014
JUDODINE NICHOLS	09/02/2014
DAVID IWIG	09/17/2014
STEVEN ORKIS	08/29/2014
GERRY CARKIN	09/08/2014
ORHAN D. GENCAGA	11/17/2014
STEPHEN SUNDAY	10/10/2014
IAN ROSS HARRISON	10/09/2014
JOHN SMITH	09/30/2014
SHANNON PARKS	09/22/2014
MIKHAIL GERSHENZON	09/25/2014

RECEIVING PARTY DATA

Name:	ALCOA INC.
Street Address:	ALCOA CORPORATE CENTER
Internal Address:	201 ISABELLA STREET
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15212-5858

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14539745

CORRESPONDENCE DATA

Fax Number: (724)337-5959

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 724-337-4986

Email: kimberly.merichko@alcoa.com

Correspondent Name: GREENBERG TRAUIG, LLP

Address Line 1: ALCOA TECHNICAL CENTER

PATENT

Address Line 2: 100 TECHNICAL DRIVE
Address Line 4: ALCOA CENTER, PENNSYLVANIA 15069

ATTORNEY DOCKET NUMBER:	13-1017
NAME OF SUBMITTER:	IRENE L. BROOKINS
SIGNATURE:	/IRENE L. BROOKINS/
DATE SIGNED:	05/10/2016

Total Attachments: 12

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ASSIGNMENT

WHEREAS, we, Mark Weaver of 9313 Willowcreek Drive, Greenwell Springs, LA 70739, USA; Kyle Crum of 607 Pennsylvania Avenue, Oakmont, PA 15139, USA; Judodine Nichols of 5491 Saltsburg Road, Murrysville, PA 15668 USA; David Iwig of 21 Harrington Way Greensburg, PA 15601, USA; Steven Orkis of 5522 Wilkins Avenue, Pittsburgh, PA 15217, USA; Gerry Carkin of 126 Lettrich Lane, Tarentum, PA 15084, USA; Orhan D. Gencaga of 1420 CENTRE AVE. APT 602, PITTSBURGH, PA, 15219, USA; Stephen Sunday of 2601 Cromwell Road, Richmond, VA 23235, USA; Ian Ross Harrison of 10 Ocean Point Close, Port Kennedy, Western Australia 6172; John Smith of 1 Batavia Road, Pittsburgh, PA 15221, USA; Shannon Parks of 122 Wonderly Drive, Sarver, PA 16055, USA and Mikhail Gershenson of 4982 Longview Ct, Murrysville, PA 15668, USA have invented a certain new and useful invention entitled "FERTILIZER COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME", for which the following patent application has been prepared and filed:

- (i) with the U.S. Patent and Trademark Office on November 12, 2013, receiving Serial No. 61/903,293

NOW THEREFORE, be it known that we, for and in consideration of one U.S. dollar (\$1 US) 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 applications 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, grant, mortgage, license, or other agreement affecting the rights, and property herein conveyed, and that we have the full right to convey the same as expressed herein of the invention(s), application, or any patent therefor to any party other than Alcoa Inc.; and agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, we will, for all countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to me relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining

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and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives.


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.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

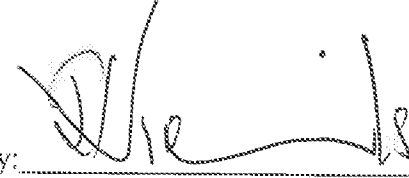
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Mark Weaver

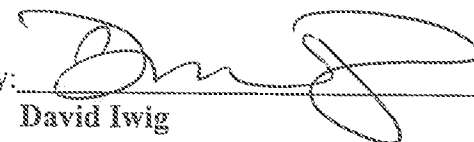
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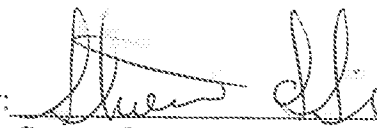
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Judodine Nichols

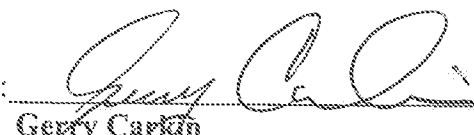
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By: 
David Iwig

Date: 8/29/2014

By: 
Steven Orkis

Date: 09/08/2014

By: 
Gerry Carlin

Date: NOVEMBER 17, 2014

By: *Orhan D. Gencaga*

Orhan D. Gencaga
1420 CENTRE AVE. APT 602 PITTSBURGH PA 15210 USA

Date: _____

By: _____

Stephen Sunday

Date: _____

By: _____

Ian Ross Harrison

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By: _____

John Smith

Date: _____

By: _____

Shannon Parks

Date: _____

By: _____

Mikhail Gershenzon

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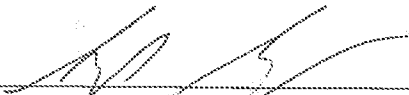
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Date: _____

By: _____

Orhan D. Gencaga

Date: 10/10/2014

By: 

Stephen Sunday

Date: _____

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Ian Ross Harrison

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John Smith

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Shannon Parks

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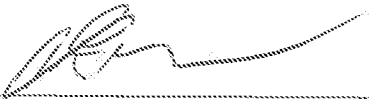
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By: _____
Orhan D. Gencaga

Date: _____

By: _____
Stephen Sunday

Date: 9th OCTOBER 2014

By: 

Ian Ross Harrison

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John Smith

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Shannon Parks

Date: _____

By: _____
Mikhail Gershenzon

Date: _____

By: _____
Orhan D. Gencaga

Date: _____

By: _____
Stephen Sunday

Date: _____

By: _____
Ian Ross Harrison

Date: Sept. 30, 2014

By: *John R. Smith*
John Smith

Date: Sept. 22, 2014

By: *Shannon J Parks*
Shannon Parks

Date: 9/25/2014

By: *fcpt*
Mikhail Gershenzon

ASSIGNMENT

WHEREAS, we, Mark Weaver of 9313 Willowcreek Drive, Greenwell Springs, LA 70739, USA; Kyle Crum of 607 Pennsylvania Avenue, Oakmont, PA 15139, USA; Judodine Nichols of 5491 Saltsburg Road, Murrysville, PA 15668 USA; David Iwig of 21 Harrington Way Greensburg, PA 15601, USA; Steven Orkis of 5522 Wilkins Avenue, Pittsburgh, PA 15217, USA; Gerry Carkin of 126 Lettrich Lane, Tarentum, PA 15084, USA; Orhan D. Gencaga of 891-Deaeville-Court, Apt. 10, Monroeville, PA-15146, USA; Stephen Sunday of 2601 ~~Cromwell Road, Richmond, VA 23235, USA;~~ ↳ 420 CENTRE AVE APT 602 PITTSBURGH, PA 15213, USA Ian Ross Harrison of 10 Ocean Point Close, Port Kennedy, Western Australia 6172; John Smith of 1 Batavia Road, Pittsburgh, PA 15221, USA; Shannon Parks of 122 Wonderly Drive, Sarver, PA 16055, USA and Mikhail Gershenzon of 4982 Longview Ct, Murrysville, PA 15668, USA have invented a certain new and useful invention entitled "FERTILIZER COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME", for which the following patent application has been prepared and filed:

- (i) with the U.S. Patent and Trademark Office on November 27, 2013, receiving Serial No. 61/909,625

NOW THEREFORE, be it known that we, for and in consideration of one U.S. dollar (\$1 US) 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 applications 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, grant, mortgage, license, or other agreement affecting the rights, and property herein conveyed, and that we have the full right to convey the same as expressed herein of the invention(s), application, or any patent therefor to any party other than Alcoa Inc.; and agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, we will, for all countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to me relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining

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and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives.

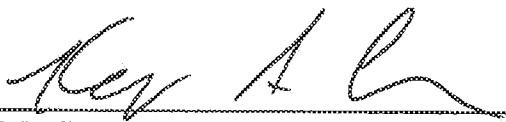
The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to Alcoa Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

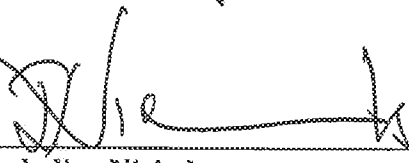
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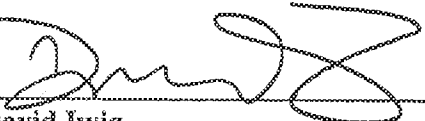
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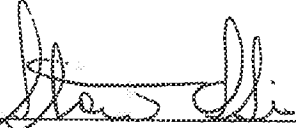
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GFC

By: 
Gerry Carlein

Date: NOVEMBER 17, 2014

By: *Orhan D. Gencaga*
Orhan D. Gencaga
1420 CENTRE AVE APT 602, PITTSBURGH, PA 15219 USA

Date: _____

By: _____
Stephen Sunday

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Mikhail Gershenzon

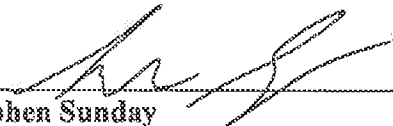
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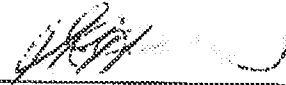
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Orhan D. Gencaga

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Stephen Sunday

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Ian Ross Harrison

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John Smith

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Shannon Parks

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Mikhail Gershenson

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Stephen Sunday

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By: _____
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John Smith

Date: Sept. 22, 2014

By: Shannon J Parks
Shannon Parks

Date: 9/25/2014

By: Jepp
Mikhail Gershenzon