

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Men G. Chu	04/24/2009
Jeffrey J. Shaw	04/24/2009
RECEIVING PARTY DATA	
Name:	Alcoa Inc.
Street Address:	Alcoa Corporate Center, 201 Isabella Street
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15212-5858
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12415001
CORRESPONDENCE DATA	
Fax Number:	(724)337-5959
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	724-337-4986
Email:	IPLD-GT@ALCOA.COM
Correspondent Name:	INTELLECTUAL PROPERTY
Address Line 1:	ALCOA TECHNICAL CENTER, BUILDING C
Address Line 2:	100 TECHNICAL DRIVE
Address Line 4:	ALCOA CENTER, PENNSYLVANIA 15069-0001
ATTORNEY DOCKET NUMBER:	CLP 07-0247
NAME OF SUBMITTER:	I-Chang John Yang
Total Attachments: 2 source=CLP_07-0247_Assignment_executed#page1.tif source=CLP_07-0247_Assignment_executed#page2.tif	

CH \$40.00 12415001

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PATENT
 REEL: 022592 FRAME: 0217

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good, and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, I, **Men G. CHU** of Export, Pennsylvania, and **Jeffrey J. SHAW** of Lower Burrell, Pennsylvania.

Hereby sell, assign and transfer to Alcoa Inc., a corporation of the Commonwealth of Pennsylvania, having a place of business at Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, Pennsylvania 15212-5858, County of Allegheny, its successors, assigns, and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the application for the United States patent filed **March 31, 2009, U.S. Serial No. 12/415,001**, entitled **“SYSTEM AND METHOD OF PRODUCING MULTI-LAYERED ALLOY PRODUCTS”** (Atty. Docket No. 07-0247) and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

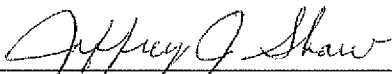
Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, Alcoa Inc., its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them disclosed in said application;

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, I 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 us 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 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.

Covenant with said Assignee, its successors, assigns and legal representatives that I have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that I have full right to convey the same as herein expressed.

 04/24/09

Men G. CHU Date

 04/24/09

Jeffrey J. SHAW Date