

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Prashanth Irudayaraj</td> <td>10/11/2012</td> </tr> <tr> <td>Gregory McKenna</td> <td>10/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Prashanth Irudayaraj	10/11/2012	Gregory McKenna	10/11/2012
Name	Execution Date						
Prashanth Irudayaraj	10/11/2012						
Gregory McKenna	10/11/2012						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13451762</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13451762		
Property Type	Number						
Application Number:	13451762						
CORRESPONDENCE DATA							
Fax Number:	7243375959						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	7243374986						
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:	10-0780/US						
NAME OF SUBMITTER:	Christine Lucas						
Total Attachments: 1 source=10-0780_assignment#page1.tif							

CH \$40.00 13451762

PATENT

**ASSIGNMENT  
& APPOINTMENT OF COMMON REPRESENTATIVE**

WHEREAS, we, **Prashanth Irudayaraj** of 893 Greenwood Avenue NE, Apt. 2, Atlanta, GA 30306 USA and **Gregory McKenna** of 7565 Breeze Bay Road, Cumming, GA 30041 USA have invented a certain new and useful invention entitled "**LIGHT SHELF FOR BUILDINGS**" for which a patent application has been prepared and filed on April 20, 2012, receiving Serial No. **13/451,762**, and further identified as Attorney Docket No. **ALCOA 10-0780/US**;

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 hereby 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 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; 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: 10/11/12

By:   
**Prashanth Irudayaraj**

Date: 10/11/12

By:   
**Gregory McKenna**