

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dinesh C. Seksaria</td> <td>12/10/2002</td> </tr> <tr> <td>Edward A. Timko</td> <td>01/09/2003</td> </tr> <tr> <td>John W. Cobes</td> <td>01/09/2003</td> </tr> <tr> <td>Todd L. Summe</td> <td>01/08/2003</td> </tr> <tr> <td>Kevin R. Pinegar</td> <td>12/13/2002</td> </tr> <tr> <td>Thomas J. Murphy</td> <td>01/09/2003</td> </tr> </tbody> </table>		Name	Execution Date	Dinesh C. Seksaria	12/10/2002	Edward A. Timko	01/09/2003	John W. Cobes	01/09/2003	Todd L. Summe	01/08/2003	Kevin R. Pinegar	12/13/2002	Thomas J. Murphy	01/09/2003
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<b>RECEIVING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Alcoa Inc.</td> </tr> <tr> <td>Street Address:</td> <td>Alcoa Corporate Center</td> </tr> <tr> <td>Internal Address:</td> <td>201 Isabella Street</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15212-5858</td> </tr> </table>		Name:	Alcoa Inc.	Street Address:	Alcoa Corporate Center	Internal Address:	201 Isabella Street	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15212-5858		
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<b>PROPERTY NUMBERS Total: 1</b>															
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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (724)337-5959</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 724-337-4986</p> <p>Email: kimberly.merichko@alcoa.com</p> <p>Correspondent Name: Alcoa Intellectual Property Department</p> <p>Address Line 1: 100 Technical Drive</p> <p>Address Line 2: C-70</p> <p>Address Line 4: Alcoa Center, PENNSYLVANIA 15069</p>															
ATTORNEY DOCKET NUMBER:	01-2988														

CH \$40.00 6755461

**501226688**

**PATENT**  
**REEL: 024651 FRAME: 0119**

NAME OF SUBMITTER:

Mauri A. Sankus

Total Attachments: 4

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## ASSIGNMENT

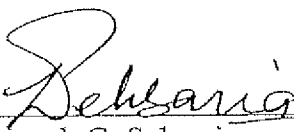
In consideration of One Dollar (\$1.00), and other good, and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, Dinesh C. Seksaria, city of Novi, county of Oakland and Kevin R. Pinegar, city of Ypsilanti, county of Washtenaw, both of the state of Michigan; Edward A. Timko and Thomas J. Murphy both of the city of Jeannette, John W. Cobes, city of Lower Burrell all of Westmoreland county and Todd L. Summe, city of Pittsburgh, county of Allegheny and all of the state of Pennsylvania, respectively


Hereby sell, assign and transfer to Alcoa Inc., a corporation of the State of Pennsylvania, having a place of business at Pittsburgh, in the County of Allegheny, and State of Pennsylvania, 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 United States Patent Serial No. 10/271,462, **Filed October 16, 2002** entitled "**Modular Front End For A Motor Vehicle**" [Atty. Docket No. 01-2988(01)] 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;

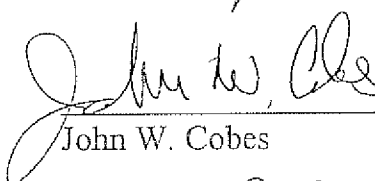
Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, Alcoa Inc., its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them disclosed in said application;

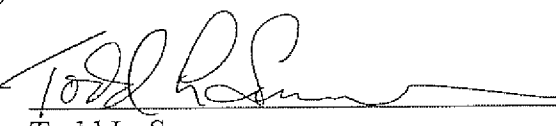
Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, we will, for all countries execute all divisional, continuing, substitute, renewal, reissue, and 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 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.

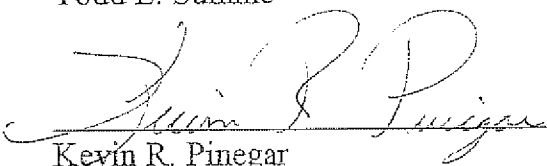
Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that we have full right to convey the same as herein expressed.

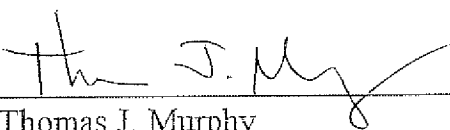
  
Dinesh C. Seksaria  
12/10/2002  
Date

  
Edward A. Tjinko  
1/9/03  
Date

  
John W. Cobes  
1/9/03  
Date

  
Todd L. Summe  
2003-01-08  
Date

  
Kevin R. Pinegar  
12/13/2002  
Date

  
Thomas J. Murphy  
1/9/03  
Date

State of Michigan )  
 )SS.  
County of Oakland )

Before me this 10<sup>th</sup> day of December, 2002 personally appeared **Dinesh C. Seksaria**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Margaret M. Nemeth  
Notary Public

MARGARET M. NEMETH  
Notary Public, Oakland County, MI  
ACTING IN Oakland CO.  
My Commission Expires 03/30/2004

State of Pennsylvania )  
 )SS.  
County of Westmoreland )

Before me this 9<sup>th</sup> day of January, 2002<sup>3</sup> personally appeared **Edward A. Timko**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Janette M. Smith  
Notary Public

Notarial Seal  
Janette M. Smith, Notary Public  
Upper Burrell Twp., Westmoreland County  
My Commission Expires Mar. 14, 2005  
Member, Pennsylvania Association of Notaries

State of Pennsylvania )  
 )SS.  
County of Westmoreland )

Before me this 9<sup>th</sup> day of January, 2002<sup>3</sup> personally appeared **John W. Cobes**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Janette M. Smith  
Notary Public

Notarial Seal  
Janette M. Smith, Notary Public  
Upper Burrell Twp., Westmoreland County  
My Commission Expires Mar. 14, 2005  
**PATENT**  
**REEL: 024651 FRAME: 0123**

State of Pennsylvania )  
 )SS.  
County of Westmoreland )

Before me this 8<sup>th</sup> day of January, 2002<sup>3</sup> personally appeared  
**Todd L. Summe**, to me personally known to be the person who is described in and who executed the  
above instrument, and he acknowledged to me that he executed the same of his own free will for the  
purposes therein set forth.

Janette M. Smith  
Notary Public

State of Michigan )  
 )SS.  
County of Washtenaw )

Notarial Seal  
Janette M. Smith, Notary Public  
Upper Burrell Twp., Westmoreland County  
My Commission Expires Mar. 14, 2005  
Member, Pennsylvania Association of Notaries

Before me this 13 day of December, 2002 personally appeared  
**Kevin R. Pinegar**, to me personally known to be the person who is described in and who executed the  
above instrument, and he acknowledged to me that he executed the same of his own free will for the  
purposes therein set forth.

MARVA J. Sisson  
NOTARY PUBLIC WASHTENAW CO., MI  
MY COMMISSION EXPIRES Mar 2, 2005

Marva J. Sisson  
Notary Public

State of Pennsylvania )  
 )SS.  
County of Westmoreland )

Before me this 9<sup>th</sup> day of January, 2002<sup>3</sup> personally appeared  
**Thomas J. Murphy**, to me personally known to be the person who is described in and who executed  
the above instrument, and he acknowledged to me that he executed the same of his own free will for  
the purposes therein set forth.

Janette M. Smith  
Notary Public

Notarial Seal  
Janette M. Smith, Notary Public  
Upper Burrell Twp., Westmoreland County  
My Commission Expires Mar. 14, 2005  
Member, Pennsylvania Association of Notaries

**PATENT**