

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<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>David A. Tomes, Jr.</td> <td>07/10/2007</td> </tr> <tr> <td>Gavin F. Wyatt-Mair</td> <td>06/21/2007</td> </tr> <tr> <td>David W. Timmons</td> <td>06/27/2007</td> </tr> <tr> <td>Ali Unal</td> <td>06/22/2007</td> </tr> </tbody> </table>		Name	Execution Date	David A. Tomes, Jr.	07/10/2007	Gavin F. Wyatt-Mair	06/21/2007	David W. Timmons	06/27/2007	Ali Unal	06/22/2007		
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RECEIVING PARTY DATA													
<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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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (713)754-7575</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 713-374-3575</p> <p>Email: laipmail@gtlaw.com</p> <p>Correspondent Name: Jason P. Sander</p> <p>Address Line 1: 1000 Louisiana Street</p> <p>Address Line 2: Suite 1700</p> <p>Address Line 4: Houston, TEXAS 77002</p>													
ATTORNEY DOCKET NUMBER:	06-1685/US-DIV												
NAME OF SUBMITTER:	Jason P. Sander												

CH \$40.00 12913999

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PATENT
REEL: 025588 FRAME: 0428

Total Attachments: 6

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

David A. Tomes, Jr;
Gavin F. Wyatt-Mair;
David W. Timmons; and
Ali Unal

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 07/10/07; 06/21/07; 06/27/07; and 06/22/07

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Alcoa Inc.

Internal Address: _____
Alcoa Corporate Center

Street Address: _____
201 Isabella Street

City: Pittsburgh

State: Pennsylvania

Country: U.S.A. Zip: 15212-5858

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Jason P. Sander

Internal Address: _____
Alcoa Technical Center

Street Address: _____
100 Technical Drive - C70

City: Alcoa Center

State: Pennsylvania Zip: 15069

Phone Number: 713-374-3575

Fax Number: 713-754-7575

Email Address: lpd-gt@alcoa.com; sanderj@gtlaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

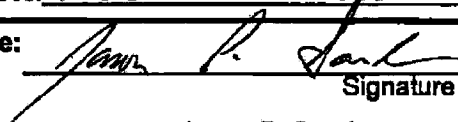
- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Order No. _____
Deposit Account Number 01-1000 06-1685/US-DIV

Authorized User Name Jason P. Sander

9. Signature:


Signature

October 28, 2010
Date

Jason P. Sander
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1480, Alexandria, V.A. 22313-1480

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, David A. Tomes, Jr., of the City of Sparks, and David W. Timmons, of the City of Reno, both of the State of Nevada, Gavin F. Wyatt-Mair, the City of Lafayette, State of California, and Ali Unal, City of Export, Commonwealth of Pennsylvania, respectively.

Hereby sell, assign and transfer to Alcoa Inc., a corporation of the State 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 United States Patent Serial Number: 11/734,121, filed on April 11, 2007, entitled **"FUNCTIONALLY GRADED METAL MATRIX COMPOSITE SHEET"** (Atty. Docket No. 06-1685) 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.

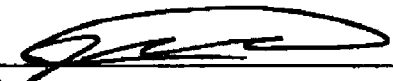

David A. Tomes, Jr.

7/10/07
Date

State of Nevada:

County of WASHOE:

Before me this 10 day of JULY 2007, personally appeared
DAVID A. TOMES, JR., to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.


(SEAL)
Notary Public in and for said County and State



Gavin F. Wyatt-Mair

Date

State of California:

County of _____:

Before me this _____ day of _____, personally appeared _____, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

(SEAL)
Notary Public in and for said County and State

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.

David A. Tomes, Jr.

Date

State of Nevada:

County of _____:

Before me this _____ day of _____, personally appeared _____, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

(SEAL)

Notary Public in and for said County and State

Gravin F. Wyatt Mair 6/21/07
Gravin F. Wyatt Mair Date

State of California:

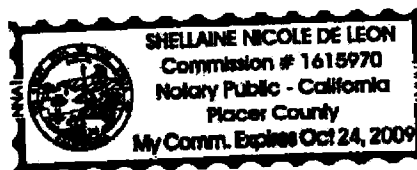
County of Placer:

Before me this 21 day of June, 2007, personally appeared Gravin F. Wyatt-Mair, ^{proved} to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

Shellaine Nicole De Leon

(SEAL)

Notary Public in and for said County and State



David Timmons 6-27-07
 David W. Timmons Date

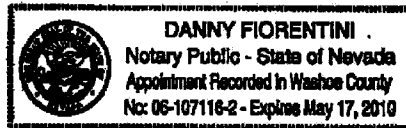
State of Nevada:

County of Washoe:

Before me this 27th day of June, 2007, personally appeared David Timmons, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

(SEAL)

Notary Public in and for said County and State



Ali Unal

Date

Commonwealth of Pennsylvania:

County of _____:

Before me this _____ day of _____, personally appeared _____, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

(SEAL)

Notary Public in and for said County and State

David W. Timmons

Date

State of Nevada:

County of _____:

Before me this _____ day of _____, personally appeared _____, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

(SEAL)

Notary Public in and for said County and State

Ali Unal

 Ali Unal

June 22, 2007

Date

Commonwealth of Pennsylvania:

County of Westmoreland:

Before me this 22nd day of June 2007, personally appeared Ali Unal, to me personally known to be the person who is described in and who executed the above instrument, and he/she acknowledged that he/she executed the same of his/her own free will for the purpose therein set forth.

Karen M. Kleiner

 (SEAL)

Notary Public in and for said County and State

