## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Alcoa Inc.	02/27/2004

### RECEIVING PARTY DATA

Name:	Alcoa World Alumina LLC	
Street Address:	201 Isabella Street	
City:	Pittsburgh	
State/Country:	PENNSYLVANIA	
Postal Code:	15212	

#### PROPERTY NUMBERS Total: 58

Property Type	Number
Patent Number:	5194243
Patent Number:	4711673
Patent Number:	4585645
Patent Number:	4755374
Patent Number:	4656156
Patent Number:	4835124
Patent Number:	4751211
Patent Number:	4752397
Patent Number:	4781982
Patent Number:	4867882
Patent Number:	4847064
Patent Number:	4835338
Patent Number:	5480587
Patent Number:	4935146
Patent Number:	5068095
	DATENT

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Patent Number:	4970181
Patent Number:	4915930
Patent Number:	5075089
Patent Number:	5207968
Patent Number:	5149520
Patent Number:	5055199
Patent Number:	5206190
Patent Number:	5445807
Patent Number:	5225115
Patent Number:	5219800
Patent Number:	5182410
Patent Number:	RE34164
Patent Number:	5171631
Patent Number:	5362457
Patent Number:	5252655
Patent Number:	5348725
Patent Number:	5514361
Patent Number:	5226959
Patent Number:	5270268
Patent Number:	5378367
Patent Number:	5260119
Patent Number:	5256470
Patent Number:	5645810
Patent Number:	5543173
Patent Number:	5484583
Patent Number:	5681658
Patent Number:	5624646
Patent Number:	5590017
Patent Number:	5573622
Patent Number:	5578286
Patent Number:	5955048
Patent Number:	6203773
Patent Number:	5728363
Patent Number:	5728364
Patent Number:	5776424

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Patent Number:	5728365
Patent Number:	5728366
Patent Number:	5730951
Patent Number:	5800922
Patent Number:	5882622
Patent Number:	5919724
Patent Number:	4808742
Patent Number:	6531052

#### **CORRESPONDENCE DATA**

Fax Number: (412)288-3063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 412-288-3233

Email: ptoipinbox@reedsmith.com

Correspondent Name: Jody L. Burtner, Senior Paralegal

Address Line 1: P.O. Box 488
Address Line 2: Reed Smith LLP

Address Line 4: Pittsburgh, PENNSYLVANIA 15230-0488

NAME OF SUBMITTER: Jody L. Burtner, Senior Paralegal

Total Attachments: 1

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# ASSIGNMENT OF INTELLECTUAL PROPERTY BY ALCOA INC. TO ALCOA WORLD ALUMINA LLC

This Assignment of Intellectual Property by ALCOA INC. to ALCOA WORLD ALUMINA LLC (this "Assignment"), dated February 27, 2004, is made by and between ALCOA INC., f/k/a ALUMINUM COMPANY OF AMERICA, a Pennsylvania corporation (referred to as "Assignor") and ALCOA WORLD ALUMINA LLC, a Delaware limited liability company (referred to as "Assignee").

NOW, THEREFORE, in consideration of One Dollar, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, Assignor and Assignee hereby agree as follows:

- 1. Assignor does hereby sell, transfer, convey, assign, grant, set over and deliver to Assignee, and Assignee hereby accepts, all right, title, and interest in and to the patents and patent applications set forth on Exhibit A hereto (collectively referred to as "Patents") and the trademark and service mark applications and registrations set forth on Exhibit B hereto (collectively referred to as "Trademarks"), the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns, designees, nominees and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made, together with (i) all causes of action (in law or equity), claims, demands and any other rights for, or arising from, any past, present or future infringement, of the Patents and Trademarks, and (ii) the right to sue for and collect any damages for the use and benefit of Assignee and Assignee's successors, assigns, designees, nominees and other legal representatives.
- 2. Assignor hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office, and all other foreign bureaus or offices whose duty it is to issue patents or register trademark and service mark registrations, to record this Assignment, and to issue or register as appropriate, the same to Assignee and Assignee's successors, assigns, designees, nominees and other legal representatives in accordance with the terms of this Assignment.

IN WITNESS WHEREOF, this Assignment has been executed as of the day and year first written above.

above.		
ALCOA INC.		ACKNOWLEDGED AND ACCEPTED:  ALCOA WORLD ALOMINA FLC  By:
Name: Christopher F. Whelan		Name: Christopher F. Whelan
Title: Attorney-in-Fact		Title: Attorney-in-Fact
Commonwealth of Pennsylvania	) ) SS:	
County of Allegheny	)	
Before me personally appeared said ex deed this 27 <sup>th</sup> day of February 2004.	ecutors and ac	knowledged the foregoing instrument to be a free act and

SEAL

RECORDED: 08/03/2004 REEL: 014934 FRAME: 042

(Notary Public)

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Carol Halferty, Notary Public

City of Pittsburgh, Allegheny County