

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>J. Dean Latvaitas</td><td>03/06/2003</td></tr><tr><td>Ronald M. Dunlap</td><td>03/06/2003</td></tr><tr><td>Kenneth Butcher</td><td>03/07/2003</td></tr></tbody></table>		Name	Execution Date	J. Dean Latvaitas	03/06/2003	Ronald M. Dunlap	03/06/2003	Kenneth Butcher	03/07/2003				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Alcoa Inc.</td></tr><tr><td>Street Address:</td><td>201 Isabella Street</td></tr><tr><td>Internal Address:</td><td>Alcoa Corporate Center</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:	201 Isabella Street	Internal Address:	Alcoa Corporate Center	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15212-5858
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (720)904-6118 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name: Heath J. Briggs													
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Address Line 4: Denver, COLORADO 80202													
ATTORNEY DOCKET NUMBER:	02-2781												
NAME OF SUBMITTER:	Dan Vaisanen												
Total Attachments: 3													

CH \$40.00 11082619

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PATENT
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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, **J. Dean Latvaitis, Ronald M. Dunlap, and Kenneth Butcher**, of Maryville, in the County of Blount and the State of Tennessee; of Brackenridge, in the County of Allegheny and the Commonwealth of Pennsylvania; and of Hendersonville, in the County of Henderson and the State of North Carolina; respectively

Hereby sell, assign and transfer to Alcoa Inc., a corporation of the Commonwealth of Pennsylvania, having a place of business at Pittsburgh, in the County of Allegheny, and Commonwealth 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. 10/405,508, Filed April 2, 2003, entitled "Nickel Foam Pin Connections for Inert Anodes"** (Atty. Docket No. 02-2781) 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

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.


Kenneth Butcher

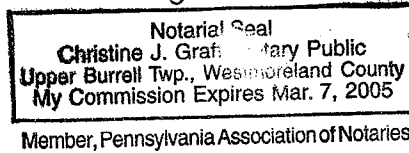
Before me this 6th day of March, 2003 personally appeared **J. Dean Latvaitis**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notarial Seal
Christine J. Graff, Notary Public
Upper Burrell Twp., Westmoreland County
My Commission Expires Mar. 7, 2005

Commonwealth of Pennsylvania)
)SS.
County of Westmoreland)

Before me this 6th day of MARCH, 2003 personally appeared **Ronald M. Dunlap**, 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.

Christine J. Graf
Notary Public



State of North Carolina)
)SS.
County of Henderson)

Before me this 7th day of March, 2003 personally appeared **Kenneth Butcher**, 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.

Darlene C. Cauthen
Notary Public

Darlene C. Cauthen

My Commission Expires June 23, 2004