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J.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

'EET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Roy A. Christini

2. Name and address of receiving party(ies):

1. Roy A. Christini	Name and address of receiving party(ies):
	Alcoa Inc.
3. Nature of conveyance:	Alcoa Corporate Center
■ Assignment	201 Isabella Street
☐ Security Agreement ☐ Change of Name	Pittsburgh, PA 15212-5858
Other	, ,
Execution Date: 1. August 24, 2001	Additional name(s) & address(es) attached? ☐ Yes ■ No
4. Application number(s) or patent number(s):	
A. Patent Application No.(s)	B. Patent No.(s)
F11 - 4 1 1	
Filed Herewith (Attempty Decket 00, 2042)	
(Attorney Docket 00-2042)	
	attached? ☐ Yes ■ No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	7. Total fee (37 CFR 3.41): \$40.00
Name: Glenn E. Klepac, Esq.	7. Totallee (37 CFN 3.41). \$40.00
Address: Alcoa Inc.	□ Enclosed
Alcoa Technical Center	E Enolosed
100 Technical Drive	■ Authorized to be charged to deposit account
Alcoa Center, PA 15069	, and a second s
,	8. Deposit Account No. 01-1000
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	E TIIIO OF ACE
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Statement and signature.	
To the best of my knowledge and belief, the foregoing informat original document.	tion is true and correct and any attached copy is a true copy of the
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Jenniter R. Devando	August 27, 2001
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Total number of pages including cover sheet, attachments and document: 3

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PATENT REEL: 012129 FRAME: 0294

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, I, **Roy A. Christini**, of Washington Township, Apollo, in the County of Westmoreland and State of Pennsylvania,

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 but not claimed, and any and all improvements which are disclosed but not claimed, in the application for United States Patent Application, filed herewith, entitled "Method for Protecting Electrodes During Electrolysis Cell Start-Up" (Atty. Docket No. 00-2042) 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, I 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 me 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.

PATENT REEL: 012129 FRAME: 0295

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

Roy A. Christini

Roy A. Christini

State of Pennsylvania)
)SS
County of)

RECORDED: 08/27/2001

Notary Public

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

PATENT REEL: 012129 FRAME: 0296