

04-19-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

REI



102983884

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)/Execution Date(s):**

BRIAN G. HERBST

Execution Date(s) APRIL 6, 2005

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: ALCOA INCORPORATED

Internal Address: \_\_\_\_\_

Street Address: 125 Isabella Street

City: Pittsburgh

State: Pennsylvania

Country: USA Zip: 15212

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

**4. Application or patent number(s):**

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

A. Patent Application No.(s)

B. Patent No.(s)

04/11/2005 RMEBRAHT 00000075 11100873

01 FD:8021

(40.00 DP)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William F. Lang, IV

Internal Address: Eckert Seamans Cherin & Mellott, LLC

Street Address: 600 Grant Street

City: Pittsburgh

State: Pennsylvania Zip: 15219

Phone Number: 412-566-2024

Fax Number: 412-566-6099

Email Address: wlang@eckertseamans.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 by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 1003  
Expiration Date 04/2005

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:**

William F. Lang IV

Signature

April 7, 2005

Date

William F. Lang, IV

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 29

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ***Assignment***

WHEREAS, I, **BRIAN G. HERBST**, residing at 107 Ascot Court, Easley, South Carolina 29642; have invented certain new and useful improvements in **FIBER OPTIC CABLE WITH MINIATURE BEND INCORPORATED** for which I am about to make application for Letters Patent of the United States; and **filed herewith**

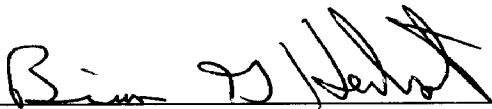
AND WHEREAS, **Alcoa Inc.**, a Pennsylvania based corporation organized and existing under the laws of Pennsylvania and having its principal place of business at 125 Isabella Street, Pittsburgh, Pennsylvania 15212, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to me by said assignee, receipt whereof I hereby acknowledge, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-parts, re-examination, renewals, substitute and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-parts, re-examinations, renewals, substitute and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am the lawful owner of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, re-examination, renewal, substitute and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.


EXECUTED this 6 day of April, 2005.

  
\_\_\_\_\_  
Brian G. Herbst

STATE OF South Carolina )  
 )  
County of Spartanburg )

Before me, a Notary Public in and for the said County and State, personally appeared **BRIAN G. HERBST** who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 6<sup>th</sup> day of April, 2005.

  
\_\_\_\_\_  
Notary Public  
Penny K. Crisp My Commission Expires  
August 13, 2007

(SEAL)