08-03-2001 

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**ER SHEET** 

LY

To the Honorable Commissioner of Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.
Name of conveying party(ies):  Aluminum Company of America	2. Name and address of receiving party(ies):
3. Nature of conveyance:  ☐ Assignment ☐ Security Agreement ☐ Other  Execution Date: December 11, 1998	Alcoa Inc. Alcoa Corporate Center  201 Isabella Street Pittsburgh, PA 15212-5858  Additional name(s) & address(es) attached? □ Yes ■ No
4. Application number(s) or patent number(s):	
A. Patent Application No.(s)  Additional numbers	B. Patent No.(s)  4,465,204  4,714,494  5,728,275  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:  Name: David W. Pearce-Smith, Esq. Address:	7. Total fee (37 CFR 3.41): \$120.00  ☐ Enclosed  ■ Authorized to be charged to deposit account
08840	8. Deposit Account No. 01-1000
DO NOT US	SE THIS SPACE
1 FC 581 120.00 CH	
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing informations original document.	tion is true and correct and any attached copy is a true copy of the
David W. Pearce-Smith  Name of Person Signing  Significant State of Person Signing	July 27, 2001 gnature Date
Total number	er of pages including cover sheet, attachments and document: 4
Mail documents to be recorded with	us accional accomplished information to

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

lerofilm Number	Filed	with propert	monty State on_	DEC 14
niny Number 105/4		Un	Payjungh	
,	ACTING	Secretary of th	re Copposite at the	.,
ARTICLES OF AMEN	DSCB:15-1915 (Rev		RPORATION	.,₹
In compliance with the requirements of iness corporation, desiring to amend its A	of 15 Pa.C.S. § 1915 (re Articles, hereby states ti	elating to article	s of amendment),	the nadersig
The name of the corporation is:	Aluminum Company	of America		<del></del>
The (a) address of this corporation's commercial registered office provider correct the following information to co	and the county of ver	nue is (the Depa	etment is hereby	name of its
(m) 201 Isabella Street	Pittsburgh P	ennsylvania	15212-5858	llegheny
Number and Street	City	State	Zip	County
(b) c/o: Name of Commercial Registers				
Name of Commercial Registers	ed Office Provider			County
the county in which the corporation is	located for venue and o	official publication to provide	on purposes.  e for the inc	orporatio
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REEL: 012025 FRAME: 0180

## DSCB:15-1915 (Rev 90)-2

- \_\_\_The arrendment adopted by the corporation as set forth in full in Exhibit A attached hereto and made a part hereof.
- 8. \_\_\_The restated Articles of Incorporation supersede the original Articles and all amendments thereto.

Aluminum Company of America

(Name of Corporation)

(Signature) Denis A. Demblowski

TITLE: Secretary and Senior Counsel

(PA.- 1427)

412 SEI 2213 - 62/28

MBIS/S NOTION S/SIEM

SQ:11 8661-FT-090

## DEPARTMENT OF STATE

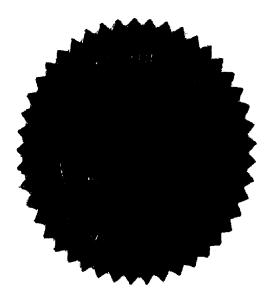
FEBRUARY 19, 1999

TO ALL WHOM THESE PRESENTS SHALL COME. GREETING:

ALCOA INC.

I, Kim Pizzingrilli, Acting Secretary of the Commonwealth of Pennsylvania do hereby certify that the foregoing and annexed is a true and correct photocopy of Articles of Amendment

which appear of record in this department



RECORDED: 07/30/2001

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Seal of the Secretary's Office to be affixed, the day and year above written.

ACTING Secretary of the Commonwealth

DBOH

**PATENT REEL: 012025 FRAME: 0182**