Form PTO-1595 (Rev. 03/05) OMB No. 0651 <u>-0027 (exp. 6/30/2005)</u>	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FO	
PATENT	
· · · · · · · · · · · · · · · · · · ·	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
John Bahaychick, James R. Anglin, Patricia A. Stewart, Thomas A. Ferrazzoli, Larry F. Wieserman	Name: Alcoa Inc.
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes 🗸 No	
3. Nature of conveyance/Execution Date(s): 7/1/05, 7/5/05, 7/7/05, 8/2/05	Street Address: 201 Isabella Street
Execution Date(s)	
Assignment Merger	Other Districtions
Security Agreement Change of Name	City: Pittsburgh
☐ Joint Research Agreement	State: PA
Government Interest Assignment	Country: U.S.A Zip; 15212-5858
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? ☐ Yes ☑ No
	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/197,623	
Additional numbers a	ttached? Yes No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name; Norman F. Hainer, Jr., Esq.	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address: Eckert Seamans Cherin and Mellott, LLC	Authorized to be charged by credit card
at Alcoa Technical Center	Authorized to be charged to deposit account
Street Address: 100 Technical Drive	Enclosed
	None required (government interest not affecting title)
City: Alcoa Center	8. Payment Information
State: PA Zip: 15609	a, Credit Card Last 4 Numbers
	Expiration Date
Phone Number: <u>724/337-2993</u>	b. Deposit Account Number <u>02-2556</u>
Fax Number: 724/337-5959	Authorized User Name Eckert Seamans
Email Address: norman.hainer@alcoa.com	- ]
9, Signature:	
- <b>-</b>	Total number of pages including cover
Norman F. Hainer, Jr., Esq. Name of Person Signing	sheet, attachments, and documents:

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

PATENT REEL: 016637 FRAME: 0697

## 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, John Bohaychick, of New Kensington, in the county of Westmoreland, and the state of Pennsylvania; James R. Anglin, of Export, in the county of Westmoreland, and the state of Pennsylvania; Patricia A. Stewart, of Pittsburgh, in the county of Allegheny, and the state of Pennsylvania; Thomas A. Ferrazzoli, of Lower Burrell, in the county of Westmoreland, and the state of Pennsylvania; and Larry F. Wieserman, of Apollo, in the county of Westmoreland, and the state of Pennsylvania; respectively

Hereby sell, assign and transfer to ALCOA INC., a corporation of the State of Pennsylvania, having a place of business at Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, Pennsylvania 15212-5858, 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, filed herewith, entitled, "Lubricant for Improved Surface Quality of Cast Aluminum and Method" (Atty. Docket No. 370023-00119) 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 my attorney to insert above the filing date and application number when they become known;

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 applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives.

PATENT REEL: 016637 FRAME: 0698

Covenant with said Assignee, its	s successors, assigns and legal representatives that I
have made to others no assignment, grant, mortg	age, license or other agreement affecting the rights
and property herein conveyed, and that I have fu	
and property herein conveyed, and that I have it	(V) () () () () () () () () () () () () ()
	John Bottantant
	(John Bohaychick Date
State of Pennsylvania ) )SS.	
County of Westmoreland )	
· · · · · · · · · · · · · · · · · · ·	
Before me this day	of, 2005 personally appeared
Taba Dabawakiak tama tersangliy known to p	be the person who is described in and who executed the hat he executed the same of his own free will for the
above instrument, and he acknowledged to me t	hat he executed the same of his own, to the
purposes therein set forth.	Virgine M Laible
	Notary Public
	COMMONWEALTH OF PENNSYLVANIA
	Notarial Seal Virgine M. Laible, Notary Public
	Upper Burrell Twp., Westmoreland County
<u>.</u> .	My Commission Expires Dec. 17, 2007  Member, Pennsylvania Association Of Notaries
	Member, Fernisylvania Assuciation of Notaties
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	its successors, assigns and legal representatives that I
have made to others no assignment, grant, mort	tgage, license or other agreement affecting the rights
and property herein conveyed, and that I have f	full right to convey the same as herein expressed.
and property the second of	
	James R. Anglin Date
	James R. Angilii
State of Pennsylvania )	
)SS.	
County of Westmoreland )	
- a 15+ 4-	be the person who is described in and who executed the
Before me this day	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.	Susan franser Jewis
•	Notary Public Notary Public
COMMONWEALTH OF PENNSYLVANIA	Notary Public C
Notarial Seal Susan Cranmers longs, Notare Debt	
OPICE COITER (WD. Westmoodpast Co)	
My Commission Expires Dec. 11, 2007  Member, Pennsylvania Association Of Notaries	
7 Value of Notaries	To ₹40 % (100 to 100 t

PATENT REEL: 016637 FRAME: 0699

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.
Patricia a Stewart 08-02-05
Patricia A. Stewart / Date
State of Pennsylvania ) )SS.
County of Westmoreland )
Before me this day of day of 2005 personally appeared  Patricia A. Stewart, 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.
1 oray 3 - 1307/12
Notary Public
COMMONWEALTH OF PENNSYLVANIA  Notarial Seal  Nancy L. Bayne, Notary Public  Upper Burrell Twp., Westmoreland County  My Commission Expires Jan. 7, 2008  Member, Pennsylvania Association Of Notaries
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.    Homes A. Ferrazzoli   July 07, 20 05
State of Pennsylvania ) SS.  County of Westmoreland  Before me this 1 day of
COMMONWEALTH OF PENNSYLVANIA  Notarial Seal

Nancy L. Bayne, Notary Public
Upper Burrell Twp., Westmoreland County
My Commission Expires Jan. 7, 2008

Member, Pennsylvania Association Of Notaries

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.

Larry P. Wieserman 5 July 2005

Larry P. Wieserman Date

State of Pennsylvania

) )SS.

County of Westmoreland

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Nancy L. Bayne, Notary Public Upper Burrell Twp., Westmoreland County My Commission Expires Jan. 7, 2008

Member, Pennsylvania Association Of Notaries

PATENT REEL: 016637 FRAME: 0701

**RECORDED: 08/15/2005**