| Form <b>PTO-1595</b> (Rev. 09/04)<br><u>OMB No. 0651-0027 (exp. 6/30/2005)</u>  | U.S. DEPARTMENT OF COMMERCE<br>United States Patent and Trademark Office  |  |
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| RECORDATION FORM COVER SHEET<br>PATENTS ONLY<br>To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below, |   |  |
|   |   |  |
| Gavin F. Wyatt-Mair<br>Ali Unat   | Name: Alcoa Inc.  |  |
|   | Internal Address:   |  |
|   |   |  |
| Execution Date(s) June 7, 2005 June 8, 2005   | Street Address: 201 Isabella Street   |  |
| Additional name(s) of conveying party(ies) attached?  |   |  |
| 3. Nature of conveyance:  |   |  |
| Assignment Merger   | City: Pittsburgh  |  |
| Security Agreement Change of Name   | State: PA   |  |
| Government Interest Assignment  | Country: USAZip: 15212-5858   |  |
| Executive Order 9424, Confirmatory License  |   |  |
| 4. Application or patent number(s):   | Additional name(s) & address(es) attached? Yes V No<br>document is being filed together with a new application. |  |
| Additional numbers at   | tached? Ves 🗸 No  |  |
| 5. Name and address to whom correspondence<br>concerning document should be mailed:   | 6. Total number of applications and patents involved:   |  |
| Name:Robert A. Diaz   | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00   |  |
| Internal Address:   | Authorized to be charged by credit card   |  |
|   | Authorized to be charged to deposit account   |  |
| Street Address: 100 Technical Drive   | Enclosed  |  |
|   | None required (government interest not affecting title)   |  |
| City; Alcos Center  | 8. Payment Information  |  |
| State: PAZip: 15069   | a. Credit Card Last 4 Numbers <u>1000</u><br>Expiration Date <u>10/05</u>                                       |  |
| Phone Number:724-337-1221   |   |  |
| Fax Number: 724-337-5959  | b. Deposit Account Number   |  |
| Email Address: <u>robert.diaz@alcoa.com</u>   | Authorized User Name Jean Laible  |  |
| 9, Signature: And M.T.M. Signature  | August 26, 2005<br>Date   |  |
| Stephanie M. Thompson   | Total number of pages including cover   |  |
| 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

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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, Gavin F. Wyatt-Mair and Ali Unal, of Lafayette, CA in the County of Contra Costa and of Export, PA in the County of Westmoreland respectively

Ilereby sell, assign and transfer to ALCOA INC., a corporation of the Commonwealth 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, **Serial No. 11/078,631, Filed March 11, 2005,** entitled "**Method And Apparatus For Continuous Casting**" (Atty. Docket No. 02-2722 CIP [370035-00116]) 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 filed on sy 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 Assignce, 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.

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P. 04

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.

| State of  | NENUOL | )    |
|-----------|--------|------|
|           |        | )SS. |
| County of | WASHOE | )    |

Before me this <u>7</u> day of <u>TUNE</u>, 2005 personally appeared **Gavin F. Wyatt-Mair**, 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.

5.U JAMES ELLIS Notary Public, State of Nevada Appointment No. 04-92908-2 Notary Public My Appt. Expires Nov 27, 2008 State of Pennsylvania )SS. County of Westmoreland Before me this <u>8th</u> day of <u>Une</u> \_\_\_\_\_, 2005 personally appeared Ali Unal, 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. COMMONWEALTH OF PENNSYLVANIA Notarial Seal

Upper Burrell Twp., Westmoreland County My Commission Expires Dec. 11, 2007 Member, Pennsylvania Association Of Notaries

Susan Cranmer-Jervis, Notary Public

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**RECORDED: 08/26/2005**