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, Gary A. Nitowski, Raymond J. Colbert, Karl Wefers, Daniel D. Roup, and Larry F. Wieserman, of Lower Burrell, in the County of Westmoreland, of the State of Pennsylvania; of Oakmont, in the County of Allegheny, of the State of Pennsylvania; of Apollo, in the County of Westmoreland, of the State of Pennsylvania; of Davenport, in the County of Scott, of the State of Iowa; and Apollo, in the County of Westmoreland, of 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 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 and claimed, and any and all improvements which are disclosed but not claimed, in the application for United States Patent, Serial No. 09/335,676, filed June 18, 1999, entitled "Method for Inhibiting Stains on Aluminum Product Surfaces" (Atty. Docket No. 97-2975) 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;

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 Assignce, its successors, assigns and legal representatives.

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.

Jan G. Vitoushi	7/6/99
Gary A. Nitowski	Date
Ray of Colbert	7/2/99 Date
Raymond J. Colbert	Date
Karl Wefers	7/6/99
Karl Wefers (/	Date
Daniel D. Roup	08/05/9 Date
Larry F. Wieserman	1 July 1999 Date

State of Pennsylvania

County of Westmoreland

Before me this ________ day of ________, 1999 personally appeared Gary A. Nitowski, 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.

Notarial Seal Karen M. Kistner, Notary Public Upper Burrell Twp., Westmoreland County My Commission Expires Nov. 12, 2002

Member, Pennsylvania Association of Notaries