

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
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<b>NATURE OF CONVEYANCE:</b>	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL
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<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Alcoa World Alumina LLC		02/27/2004	Limited Liability Company: DELAWARE

<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Almatis AC, Inc.
<b>Street Address:</b>	501 West Park Road
<b>City:</b>	Leetsdale
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15056
<b>Entity Type:</b>	CORPORATION: DELAWARE

<b>PROPERTY NUMBERS Total: 2</b>		
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>
Registration Number:	1482898	SORBPLUS
Registration Number:	1422403	SELEXSORB

<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)288-3063
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	412-288-3233
<b>Email:</b>	ptoipinbox@reedsmith.com
<b>Correspondent Name:</b>	Jody L. Burtner, Senior Paralegal
<b>Address Line 1:</b>	P.O. Box 488
<b>Address Line 2:</b>	Reed Smith LLP
<b>Address Line 4:</b>	Pittsburgh, PENNSYLVANIA 15230-0488

<b>ATTORNEY DOCKET NUMBER:</b>	501823.20002.13541482898
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<b>NAME OF SUBMITTER:</b>	Jody L. Burtner, Senior Paralegal
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Total Attachments: 18  
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Exhibit A - Patents

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1985000273	Granted	01/21/1986	06/820,166	04/07/1987	4,656,156	01/21/2006
Country: United States						
Assignee: Alcoa Inc.						
Inventors:						
Misra, C.						
Title: Adsorbent and Substrate Products						
IP1985000372	Granted	08/07/1986	06/894,257	06/14/1988	4,751,211	08/07/2006
Country: United States						
Assignee: Alcoa Inc.						
Inventors:						
Fleming, H.L.						
Title: Composite Adsorbent for Removing Acids from Organophosphate Functional Fluids						
IP1986000122	Granted	06/30/1986	06/880,297	06/21/1988	4,752,397	06/30/2006
Country: United States						
Assignee: Alcoa Inc.						
Inventors:						
Sood, A.						
Title: Process for Removing Heavy Metal Ions from Solutions Using Adsorbents Containing Activated Hydrotalcite						

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1986000461	Granted	11/09/1987	07/118,711	09/19/1989	4,867,882	11/09/2007

Country: United States  
Assignee: Alcoa Inc.

Inventors:  
O'Neill, G.A.  
Misra, C.  
Chen, A.S.C.

Title: Method for Reducing the Amount of Anionic Metal Ligand Complex in a Solution

IP1987000016	Granted	08/31/1987	07/091,176	05/30/1989	4,835,338	08/31/2007
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Country: United States  
Assignee: Alcoa Inc.

Inventors:  
Liu, P.K.T.

Title: Process for Removal of Carbonyl Sulfide from Organic Liquid by Adsorption Using Alumina Adsorbent Capable of Regeneration

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1988000264	Granted	11/15/1988	07/271,501	06/19/1990	4,935,146	11/15/2008

Country: United States  
Assignee: Alcoa Inc.

Inventors:

O'Neill, G.A.  
Novak, John W. (Jr.)  
Martin, Edward S.

Title: Method for Removing Arsenic or Selenium from an Aqueous Solution Containing a Substantial Background of Another Contaminant

IP1988000484	Granted	04/10/1990	07/507,386	11/26/1991	5,068,095	04/10/2007
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Country: United States  
Assignee: Alcoa Inc.

Inventors:

Nigro, W.A.  
O'Neill, G.A.

Title: Method for Reducing the Amount of Colorants in a Caustic Liquor

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1989000003	Granted	03/20/1990	07/496,444	12/24/1991	5,075,089	03/20/2010

Country: United States  
Assignee: Alcoa Inc.

Inventors:  
Misra, C.  
Perrotta, A.J.

Title: Method of Making Pillared Hydrotalcites and Associated Products

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1989000512	Granted	09/28/1989	07/413,627	10/08/1991	5,055,199	11/09/2007

Country: United States  
Assignee: Alcoa Inc.

Inventors:

O'Neill, G.A.  
Misra, C.  
Chen, A.S.C.

Title: Method for Reducing the Amount of Anionic Metal-Ligand Complex in a Solution



Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1990000710	Granted	12/14/1990	07/627,748	01/26/1993	5,182,410	12/14/2010
Country: United States						
Assignee: Alcoa Inc.						
Inventors:						
Misra, C.						
Title: Organo-Aluminum Hydroxide Compounds						
IP1990000843	Granted	02/04/1991	07/650,730	01/19/1993	RE.34,164	01/21/2006
Country: United States						
Assignee: Aluminum Company of America						
Inventors:						
Misra, C.						
Title: Synthetic Hydrotalcite						

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1991000052	Granted	08/13/1992	07/928,748	11/08/1994	5,362,457	08/13/2012

Country: United States  
Assignee: Alcoa Inc.

Inventors:

Grubbs, D.K.  
Valente, P.E.

Title: Direct Synthesis of Anion Substituted Hydrotalcite

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1991000805	Granted	09/04/1991	07/754,770	09/20/1994	5,348,725	09/20/2011

Country: United States  
Assignee: Aluminum Company of America  
Inventors:  
Misra, C.  
Perrotta, A.J.

Title: Method of Making Pillared Hydrotalcites and Associated Products

IP1991000966	Granted	04/29/1994	08/235,504	05/07/1996	5,514,361	04/29/2014
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Country: United States  
Assignee: Alcoa Inc.  
Inventors:  
Martin, Edward S.  
Pearson, Alan

Title: Method for Making a Synthetic Meixnerite Product

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1992000910	Granted	11/25/1992	07/981,601	01/03/1995	5,378,367	11/25/2012

Country: United States  
Assignee: Alcoa Inc.

Inventors:

O'Neill, G.A.  
Goyak, G.M.

Title: Method for Removing Color-Imparting Contaminants from Pulp and Paper Waste Streams Using a Combination of Adsorbents

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1994000195	Granted	06/07/1995	08/473,828	07/08/1997	5,645,810	06/07/2015

Country: United States  
Assignee: Alcoa Inc.  
Inventors:

Easley, Michael A.  
Title: High Surface Area Meixnerite From Hydrotalcites

IP1994000581	Granted	07/21/1994	08/278,581	01/16/1996	5,484,583	08/13/2012
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Country: United States  
Assignee: Alcoa Inc.  
Inventors:

Grubbs, D.K.  
Valente, P.E.

Title: Filler Material Containing an Anion Substituted Hydrotalcite

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1995000619	Granted	06/07/1995	08/482,390	11/26/1996	5,578,286	04/29/2014

Country: United States  
Assignee: Alcoa Inc.

Inventors:

Martin, Edward S.  
Stinson, J.M.  
Cedro, V.  
Horn, W.E.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds with Divalent or Polyvalent Organic Anions

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1995000938	Granted	09/27/1995	08/534,996	09/21/1999	5,955,048	09/27/2015

Country: United States  
Assignee: Alcoa Inc.  
Inventors:  
Cedro, V.  
Stinson, J.M.  
Weaver, Mark L.  
Richardson, J.H.

Title: Flash Activated Hydrotalcite and Process

IP1996000258	Granted	03/28/1996	08/625,584	03/17/1998	5,728,363	04/29/2014
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Country: United States  
Assignee: Alcoa Inc.  
Inventors:  
Martin, Edward S.  
Stinson, J.M.  
Horn, W.E.  
Cedro, V.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds

IP1996000282	Granted	04/09/1996	08/629,717	03/17/1998	5,728,364	04/29/2014
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Country: United States  
Assignee: Alcoa Inc.  
Inventors:  
Martin, Edward S.  
Stinson, J.M.  
Cedro, V.  
Horn, W.E.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds

**TRADEMARK**

Matter ID Status Appln Dt Appln No Grant Dt Patent No Expires  
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 IP1996000283 Granted 04/09/1996 08/629,713 07/07/1998 5,776,424 04/29/2014

Country: United States  
 Assignee: Alcoa Inc.  
 Inventors:  
 Martin, Edward S.  
 Stinson, J.M.  
 Cedro, V.  
 Horn, W.E.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds with Monovalent Inorganic Anions

IP1996000393 Granted 05/14/1996 08/645,665 03/17/1998 5,728,365 04/29/2014

Country: United States  
 Assignee: Alcoa Inc.  
 Inventors:  
 Martin, Edward S.  
 Stinson, J.M.  
 Cedro, V.  
 Horn, W.E.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds with Divalent Inorganic Anions

IP1996000394 Granted 05/14/1996 08/645,666 03/17/1998 5,728,366 04/29/2014

Country: United States  
 Assignee: Alcoa Inc.  
 Inventors:  
 Martin, Edward S.  
 Stinson, J.M.  
 Cedro, V.  
 Horn, W.E.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds with Monovalent Organic Anions

IP1996000395 Granted 05/14/1996 08/647,509 03/24/1998 5,730,951 04/29/2014

Country: United States  
 Assignee: Alcoa Inc.  
 Inventors:  
 Martin, Edward S.  
 Stinson, J.M.  
 Cedro, V.  
 Horn, W.E.

Title: Two Powder Synthesis of Hydrotalcite and Hydrotalcite-Like Compounds with Polyvalent Inorganic Anions



Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1997000559	Granted	04/09/1997	08/842,934	03/16/1999	5,882,622	06/07/2015

Country: United States  
Assignee: Alcoa Inc.

Inventors:  
Easley, Michael A.  
Horn, W.E.

Title: Carbon Dioxide Adsorption of Synthetic Meixnerite

Matter ID	Status	Appln Dt	Appln No	Grant Dt	Patent No	Expires
IP1987000855	Granted	12/28/1987	07/138,316	02/28/1989	4,808,742	08/07/2006

Country: United States  
Assignee: Alcoa Inc.

Inventors:  
Fleming, H.L.

Title: Method for Removing Acids from Organophosphate Functional Fluids



Exhibit B - Marks

Matter ID Status Curr App Dt Curr App No Curr Reg Dt Curr Reg No Renewal Expires  
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IP1987000591 Registered 08/24/1987 73/679,980 04/05/1988 1,482,898 04/05/2008 04/05/2008  
Mark: Sorbplus  
Country: United States  
Owner: Alcoa World Alumina LLC

Matter ID Status Curr App Dt Curr App No Curr Reg Dt Curr Reg No Renewal Expires  
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IP1985000241 Registered 12/16/1985 573,526 12/30/1986 1,422,403 12/30/2006 12/30/2006  
Mark: Selexsorb  
Country: United States  
Owner: Alcoa Inc.