Form PTO-1595 RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE	
(Rev. 10/02)	M COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
CMID 140, 000 1-0021 (CAP. 0/00/2000)	JONET
Tab settings    To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
Namo of conveying party(ies):      Discourse (translants)	Name and address of receiving party(ies)
Discovery Chemicals, Inc.	Name:Discovery Aluminas, Inc.
	Internal Address:
Additional name(s) of conveying party(les) attached? Yes Vo	
3. Nature of conveyance:	
Assignment Merger	
Security Agreement Change of Name	Street Address: 3502 S. Riverview Drive
Other	
	City: Port AllenState: LA Zip; 70767-0977
Execution Date: June 30, 1995	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s) 5,316,998,
	5,595,954, 5,505,926
Attorney Docket No. 370067-00001 Additional numbers attached? Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 3
concerning document should be mailed;	7. Total fee (37 CFR 3.41)
Name: David P. Maivald	7. Total fee (37 CFR 3.41)\$
Internal Address: Eckert Seamans Cherin & Mellott, LLC	Enclosed
	Authorized to be charged to deposit account
	8. Deposit account number:
Street Address: Alcoa Technical Center	o. Deposit account number.
100 Technical Drive	02-2556
Alter Country DA 45000 0004	
City: Alcoa Center State: PA Zip: 15069-0001	
DO NOT USE THIS SPACE	
9. Signature.	
David P. Maivald	November 21, 2003
Name of Person Signing Signature Date	
Total number of pages including cover sheet, attachments, and documents: 14	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231



SECRETARY OF STATE

As Secretary of State, of the State of Louisiana, I do hereby Certify that an Agreement of Merger whereby DISCOVERY CHEMICALS, INC., domiciled at Port Allen, Louisiana, is merged into

DISCOVERY ALUMINAS, INC.

Domiciled at Port Allen, Louisiana,

Certified by the Secretary of each corporation as having been approved by the shareholders, and signed and acknowledged by the President of each corporation on June 30, 1995,

Was filed and recorded in this office on June 30, 1995, in the Record of Charters Book 344, and the merger became effective June 30, 1995,

By virtue of this Certificate, I further certify that DISCOVERY CHEMICALS, INC., domiciled at Port Allen, Louisiana, is no longer qualified to transact business in this State.

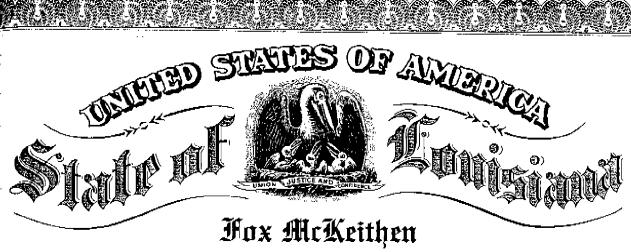
In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

June 30, 1995

\*\*\* -1.

Secretary of State





secretary of state

As Secretary of State, of the State of Louisiana, I do hereby Certify that the annexed and following is a True and Correct copy of the merger as shown by comparison with document filed and recorded in this Office on June 30, 1995.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

July 19, 1995

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Secretary of State



# AGREEMENT

### MERGING

DISCOVERY CHEMICALS, INC. (a corporation of the State of Louisiana)

INTO

DISCOVERY ALUMINAS, INC. (a corporation of the State of Louisiana)

AGREEMENT OF MERGER, dated this 30th day of June, 1995, by and between DISCOVERY CHEMICALS, INC., a corporation organized and existing under and by virtue of the laws of the State of Louisiana, and DISCOVERY ALUMINAS, INC., a corporation organized and existing under and by virtue of the laws of the State of Louisiana.

## WITNESSETH that:

WHEREAS, the board of directors of each of said corporations, parties of this agreement, in consideration of the mutual agreements of each corporation as set forth hereinafter, do deem it advisable and generally to the welfare of said corporations and the respective shareholder thereof, that DISCOVERY ALUMINAS. INC. merge into itself DISCOVERY CHEMICALS, INC., and that DISCOVERY CHEMICALS, INC. be merged into DISCOVERY ALUMINAS. INC., under and pursuant to the terms and conditions hereinafter set forth; and

WHEREAS, DISCOVERY ALUMINAS, INC. was incorporated in Louisiana on the 8th day of May, 1991, and its registered office is in the parish of West Baton Rouge, and

WHEREAS, DISCOVERY CHEMICALS, INC. was incorporated in Louisiana on the 3rd day of May, 1985, and its registered office is in the parish of West Baton Rouge, and

PATENT REEL: 014146 FRAME? 02838 4 WHEREAS, the total number of shares which DISCOVERY ALUMINAS, INC. is authorized to issue is One Hundred (100) shares, of which no shares are preferred shares, and of which One Hundred (100) shares without par value, are common shares, and One Hundred (100) common shares are now issued and outstanding; and

WHEREAS, the total number of shares which DISCOVERY CHEMICALS, INC. is authorized to issue is One Million (1,000,000) shares, of which no shares are preferred shares, and of which One Million (1,000,000) shares without par value, are common shares, and One Hundred (100) common shares are now issued and outstanding;

NOW, THEREFORE, the corporations, parties to this agreement, by and between their respective boards of directors, in consideration of the mutual covenants, agreements and provisions hereinafter contained, have agreed, and do hereby agree, each with the other, that DISCOVERY ALUMINAS, INC. shall merge into itself DISCOVERY CHEMICALS, INC., and that DISCOVERY CHEMICALS, INC. shall be merged into said DISCOVERY ALUMINAS, INC., and do agree hereby upon and prescribe the terms and conditions of the said merger, the mode of carrying the same into effect, as follows:

#### **FIRST**

DISCOVERY ALUMINAS, INC. hereby merges into itself DISCOVERY CHEMICALS, INC. and, likewise DISCOVERY CHEMICALS, INC. shall be and hereby is merged into said DISCOVERY ALUMINAS, INC., and the articles of incorporation of said DISCOVERY ALUMINAS, INC. shall be the articles of incorporation of the surviving corporation.

### SECOND

The terms and conditions of the merger are as follows:

Until altered, amended or repealed, as therein provided, the by-laws of DISCOVERY ALUMINAS, INC., as in effect on the date of filing this agreement of merger, shall be the by-laws of the surviving corporation.

The first board of directors of the surviving corporation after the date of filing this agreement of merger in the office of the Secretary of State of Louisiana shall be the directors of DISCOVERY ALUMINAS, INC, in office on said date.

The first annual meeting of the shareholders of the surviving corporation held after the date of the filing of this agreement of merger in the office of the Secretary of State of Louisiana shall be the annual meeting provided or to be provided by the by-laws thereof for the year 1995.

The first regular meeting of the board of directors of the surviving corporation to be held after the date of filing of this agreement of merger in the office of the Secretary of State of Louisiana may be called or may convene in the manner provided in the by-laws of the surviving corporation and may be held at the time and place specified in the notice of the meeting.

The officers of the surviving corporation after the date of filing this agreement of merger in the office of the Secretary of State of Louisiana shall be the officers of DISCOVERY ALUMINAS, INC. in office on said date.

The surviving corporation shall pay all expenses of carrying this agreement of merger into effect and of accomplishing the merger.

Upon the filing of this agreement of merger in the office of the Secretary of State of Louisiana, the separate existence of DISCOVERY CHEMICALS, INC. shall cease and said corporation shall be merged into DISCOVERY ALUMINAS, INC., the surviving corporation, in accordance with the provisions of this agreement, which corporation shall possess all the rights, privileges and franchises, as well of a public as of a private nature, possessed by each of the constituent corporations and be subject to all the restrictions, disabilities and duties of each of the

constituent corporations, and all the property, and assets of whatsoever kind or description and all debts due on whatever account to each of the constituent corporations, including subscriptions for thares and all other choses in action belonging to either of the constituent corporations, shall be taken and be deemed to be transferred to and vested in such surviving corporation, without nurther act or deed, and the title to any real estate, whether by deed or otherwise vested in either of said constituent corporations shall not revert or be in any way impaired by reason of this merger, provided that all rights of creditors and all liens upon the property of said constituent corporations shall be preserved unimpaired and the surviving corporation shall be responsible for all the liabilities and obligations of DISCOVERY CHEMICALS, INC. as if the surviving corporation had itself incurred such liabilities or obligations, and any claim existing or action or proceeding pending by or against said DISCOVERY CHEMICALS, INC may be prosecuted to judgment and shall bind the surviving temporation as if such merger had not taken place, or the said surviving corporation may be proceeded against or substituted in place of said DISCOVERY CHEMICALS, INC.

If at any time the surviving corporation shall consider or be advised that any further assignments or assurances in law or any things are necessary or desirable to vest in said corporation, according to the terms hereof, the title to any property or rights of said DISCOVERY CHEMICALS, INC., the proper officers and directors of said corporation shall and will execute and make all such proper assignments and assurances and do all things necessary or proper to vest title in such property or rights in the surviving corporation, and otherwise to carry out the purposes of this agreement of merger.

# THIRD

The manner of converting the shares of the constituent corporation into shares or other securities of the surviving corporation shall be as follows:

Forthwith upon filing this agreement of merger in the office of the Secretary of State of Louisiana:

At the time of the filing and recording of this agreement of merger any outstanding shares of DISCOVERY CHEMICALS, INC. shall not be converted into shares of, nor shall the beneficial interest thereto pass, to, the surviving corporation, but such shares shall forthwith be surrendered for cancellation.

## **FOURTH**

The mode of carrying this agreement of merger into effect is as follows.

This agreement, after having been approved by unanimous written consent of the board of directors of each corporation, party hereto, shall be signed by a majority of the directors of each of said corporation, whereupon it shall be submitted to the shareholders of each of said corporation for approval by unanimous written consent, that fact shall be certified on the agreement by the secretary of each corporation, and the agreement so adopted and certified, shall be signed by the president (or vice-president) and secretary (or assistant secretary) of each of said corporations and acknowledged by the president (or vice-president) of each of such corporations, whereupon it shall be delivered to the Secretary of State of Louisiana for filing and a copy certified by the Secretary of State of Louisiana shall be filed for record in the office of the Recorder of the Mortgages in which any of the corporations, parties hereto, have their registered office, and in the conveyance records of each parish in which any corporation has immovable property, title to which will be transferred as a result of the merger. This merger also shall be carried into effect pursuant to a Plan of Merger, dated June 30, 1995, between DISCOVERY CHEMICALS, INC. and DISCOVERY ALUMINAS, INC. Said Plan of merger is available by written request to 5 Burlington Square, 4th Floor, Burlington, VT 05401.

#### FIFTH

This merger shall become effective on June 30, 1995.

IN WITNESS WHEREOF, the parties to this agreement of merger, pursuant to authority PATENT

REEL: 014146 FRAME: 028

duly given by their respective boards of directors have caused this agreement of merger to be executed by a majority of the directors of each party hereto.

DISCOVERY CHEMICALS, INC.

Richard P. McGracken

Michael J. Schreier

A majority of the Board of Directors

DISCOVERY ALUMINAS, INC.

Richard P. McCracken

Michael J. Schreier

A majority of the Board of Directors

I, DOLORES A. YURA Secretary of DISCOVERY ALUMINAS, INC., a corporation organized and existing under the laws of the State of Louisiana, hereby certify, as such secretary, that the Agreement of Merger to which this certificate is attached, after having been first duly signed by a majority of the directors on behalf of DISCOVERY CHEMICALS, INC., a corporation of the State of Louisiana, was duly adopted pursuant to R.S. 12:76, La. Rev. Stats. 1950, by the unanimous written consent of the shareholders holding 100 shares of the capital stock of the corporation same being all of the shares issued and outstanding having voting power, which Agreement of Merger was thereby adopted as the act of the shareholders of said DISCOVERY ALUMINAS, INC. and DISCOVERY CHEMICALS, INC., and the duly adopted agreement and act of the said corporations.

WITNESS my hand on thin 30th day of June, 1995.

Secretary

DISCOVERY ALUMINAS, INC. & DISCOVERY CHEMICALS, INC.

THE ABOVE AGREEMENT OF MERGER, having been executed by a majority of the board of directors of each corporate party thereto, and having been adopted separately by each corporate party thereto, in accordance with the provisions of the Business Corporation Law of the State of Louisiana, and that fact having been certified on said Agreement of Merger by the Secretary of each corporate party thereto, the President of each corporate party thereto do now hereby execute the said Agreement of Merger, by authority of the directors and shareholders thereof, as the respective agreement of each of said corporations, on the <u>30th</u> day of <u>Iune</u>, <u>1995</u>.

Discovery Chemicals, Inc.

President

Lewis A. Patterson III

Discovery Aluminas, Inc.

President

Lewis A. Patterson III

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF ALLEGHENY

BE IT REMEMBERED that on this 30th day of June, A. D. 1995, personally came before me the undersigned Notary Public in and for the county and state aforesaid, Lewis A. Patterson III, President of <u>Discovery Aluminas</u>, Inc. a corporation of the (surviving corporation)

State of Louisiana and one of the corporations described in and which executed the foregoing Agreement of Merger, and he duly executed said Agreement of Merger before me and acknowledged said Agreement of Merger to be the agreement of said corporation.

IN WITNESS WHEREOF the said appearer has signed these presents and I have hereunto affired my official hand and seal, on the day and date first herein-above written.

(NOTARIAL SEAL)

NOTARY PUBLIC

Notarial Soci Leo T. Forbidussi, Notary Public Pittaburgh, Allegheny County My Commission Expires Nov. 27, 1998

Member, Ponnsylvania Association of Notarios

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF ALLEGHENY

BE IT REMEMBERED that on this 30th day of June, A. D. 1995, personally came before me the undersigned Notary Public in and for the county and state aforesaid, Lewis A. Patterson III, President of <u>Discovery Chamicals, Inc.</u> a corporation of the State (merged corporation)

of Louisiana and one of the corporations described in and which executed the foregoing Agreement of Merger, and he duly executed said Agreement of Merger before me and acknowledged said Agreement of Merger to be the agreement of said corporation.

IN WITNESS WHEREOF the said appearer has signed these presents and I have hereunto affixed my official hand and seal, on the day and date first herein-above written.

(NOTARIAL SEAL)

**RECORDED: 11/21/2003** 

NOTARY PUBLIC

Notaria! Seal Leo Y, Forbiduesi, Notary Public Pitteburgh, Allegheny County My Commission Expires Nov. 27, 1998

Member, Pennsylvania Association of Notacles