

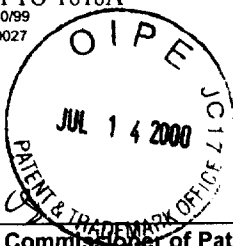
08-04-2000

FORM PTO-1618A
Expires 06/30/99
OMB 0651-0027



U.S. Department of Commerce
Patent and Trademark Office
TRADEMARK

101422725



M.140

RECORDATION FORM COVER SHEET TRADEMARKS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID #
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

Conveyance Type

- Assignment License
- Security Agreement Nunc Pro Tunc Assignment
- Merger Effective Date
Month Day Year
- Change of Name
- Other Trademark Mortgage

Conveying Party

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name Agrotain Company, The

07/07/2000

Formerly

- Individual General Partnership Limited Partnership Corporation Association
- Other Limited Liability Company
- Citizenship/State of Incorporation/Organization Missouri

Receiving Party

Mark if additional names of receiving parties attached

Name Firststar Bank, N.A.

DBA/AKATA

Composed of

Address (line 1) 10 North Hanley Road

Address (line 2)

Address (line 3) St. Louis

MO

63105

City

State/Country

Zip Code

- Individual General Partnership Limited Partnership
- Corporation Association
- Other National Banking Association
- Citizenship/State of Incorporation/Organization

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

FOR OFFICE USE ONLY

08/03/2000 MTHA11 00000235 1692249

01 FC:481 Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

TRADEMARK
REEL: 002114 FRAME: 0778

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)			Registration Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1692249"/>	<input type="text" value="1666342"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1889499"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1481237"/>	<input type="text"/>	<input type="text"/>

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment: Enclosed Deposit Account

Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Tina Johnson

Tina Johnson

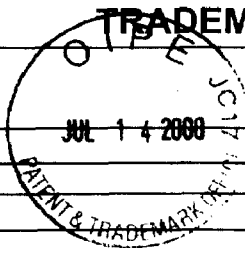
7/13/00

Name of Person Signing

Signature

Date Signed

RECORDATION FORM COVER SHEET
CONTINUATION
TRADEMARKS ONLY



Conveying Party

Enter Additional Conveying Party

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name

Formerly

Individual General Partnership Limited Partnership Corporation Association

Other

Citizenship State of Incorporation/Organization

Receiving Party

Enter Additional Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Individual General Partnership Limited Partnership

Corporation Association

Other

Citizenship/State of Incorporation/Organization

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached (Designation must be a separate document from the Assignment.)

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)

Registration Number(s)

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MEMORANDUM OF INTELLECTUAL PROPERTY RIGHTS MORTGAGE

THIS MEMORANDUM OF INTELLECTUAL PROPERTY RIGHTS MORTGAGE is made as of the 7th day of July, 2000, by The Agrotain Company, LLC, a Missouri limited liability company, ("Mortgagor") which is a wholly-owned subsidiary of Lange-Stegmann Co., a Missouri corporation, having a business address at One Angelica Street, St. Louis, Missouri 63147 and Firststar Bank Missouri, N.A. and Firststar Bank, N.A., with an office at 10 North Hanley Road, St. Louis, Missouri 63105 (collectively, "Mortgagee"):

KNOW ALL PERSONS BY THESE PRESENTS THAT:

1. The Intellectual Property Rights Mortgage and the terms and provisions therein is hereby incorporated herein in its entirety by this reference thereto. All terms capitalized but not otherwise defined herein shall have the same meanings herein as in the Intellectual Property Rights Mortgage.

2. Mortgagor was granted a License and Sub-License under a License Agreement and Sub-License Agreement, respectively, entered into on July 7, 2000 by Mortgagor and IMC-Agrico Company, a Delaware general partnership having a business address at 2345 Waukegan Road, Bannockburn, Illinois 60015 ("IMCA") and Phosphate Resource Partners Limited Partnership, a Delaware limited partnership having a business address at 2345 Waukegan Road, Bannockburn, Illinois 60015 ("PLP"), said Sub-License Agreement being created under a license conveyed by a license agreement that was entered into by PLP, formerly known as Freeport-McMoran Resource Partners, Limited Partnership, and AlliedSignal, Inc., a Delaware corporation. Mortgagor is a party to a Non-Exclusive Uses of Patents Agreement entered into on July 7, 2000 by Mortgagor and IMCA and PLP.

3. Effective as of July 7, 2000, Mortgagor and Mortgagee entered into an Intellectual Property Rights Mortgage whereby Mortgagor granted, bargained, assigned, mortgaged, pledged, sold, created a security interest in, transferred and conveyed to the Mortgagee, as and by way of a first mortgage and security interest having priority over all other security interests, with power of sale, to the extent permitted by law, upon an occurrence of an Event of Default, in all of Mortgagor's right, title and interest in and to all of the following;

(i) the License granted under the License Agreement and all rights, powers, privileges and immunities conferred on Mortgagor therein;

(ii) the Sub-License granted under the Sub-License Agreement and all rights, powers, privileges and immunities conferred on Mortgagor therein;

(iii) all rights, powers, privileges and immunities and potential rights, powers, privileges and immunities conferred on Mortgagor under the Non-Exclusive Uses of Patents Agreement.

4. The License under the License Agreement is granted with respect to the Licensed Patents and Licensed Trademarks, which are listed in Exhibits A and B herein, respectively. The Sub-License under the Sub-License Agreement is granted with respect to the Sub-Licensed Urease Inhibitor Patents, which are listed in Exhibit C herein.

IN WITNESS WHEREOF, the parties have duly executed this Memorandum of Intellectual Property Rights Mortgage as of the date first written above.

“Mortgagor”

The Agrotain Company, LLC

By: Richard W. Stegmann
Name: Richard W. Stegmann
Title: *manager*

“Mortgagee”

Firststar Bank Missouri, N.A.

By: James B. Lohy
Name: JAMES B. LOHY
Title: *VICE PRESIDENT*

Firststar Bank, N.A.

By: James B. Lohy
Name: JAMES B. LOHY
Title: *VICE PRESIDENT*

STATE OF MISSOURI)
CITY) SS.
COUNTY OF St. Louis)

The foregoing Memorandum of Intellectual Property Rights Mortgage was executed and acknowledged before me this 30th day of June, 2000, by Richard W. Stegmann personally known to me to be the Manager and of The Agrotain Company, LLC, on behalf of such limited liability company.

Tina L. Johnson
Notary Public

My Commission expires:

TINA L JOHNSON
Notary Public - Notary Seal
STATE OF MISSOURI
St. Charles County
My Commission Expires: Aug. 3, 2002

STATE OF MISSOURI)
CITY) SS.
COUNTY OF St. Louis)

The foregoing Memorandum of Intellectual Property Rights Mortgage was executed and acknowledged before me this 30th day of June, 2000, by James B. Lally, personally known to me to be the Vice President of Firstar Bank Missouri, N.A., on behalf of such national banking association.

Tina L. Johnson
Notary Public

My Commission expires:

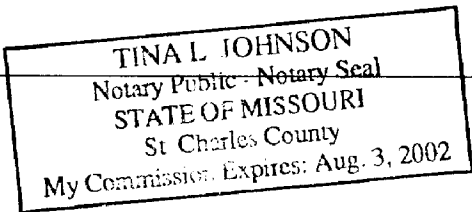
TINA L JOHNSON
Notary Public - Notary Seal
STATE OF MISSOURI
St. Charles County
My Commission Expires: Aug. 3, 2002

STATE OF MISSOURI)
CITY) SS.
COUNTY OF St. Louis)

The foregoing Memorandum of Intellectual Property Rights Mortgage was executed and acknowledged before me this 30th day of June, 2000, by James B. Lally, personally known to me to be the Vice President of Firststar Bank, N.A., on behalf of such national banking association.

Tina L. Johnson
Notary Public

My Commission expires:



THIS INSTRUMENT PREPARED BY AND
AFTER FILING RETURN TO:

Edward J. Lieberman, Esq.
Husch & Eppenberger, LLC
100 North Broadway
Suite 1300
St. Louis, Missouri 63102

EXHIBIT A

THE LICENSED PATENTS

G: Granted P: Pending

Patents Docket Number/Title	COUNTRY	STATUS	PATENT DATE	PATENT NUMBER
Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER	USA	G	02/19/91	4,994,100
Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER	COLUMBIA	G	02/04/94	24,212
Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER	UK	G	12/28/89	EP-0376853
Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER	FRANCE	G	12/28/89	EP-0376853
Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER	RUSSIA	G	12/28/89	2,034,818
Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER	VENEZUELA	P	12/28/89	1994-89
Case 216 GRANULAR UREA BASED FERTILIZER	USA	G	10/04/94	5,352,265
Case 216 GRANULAR UREA BASED FERTILIZER	CANADA	P	10/11/94	2,117,867
Case 216 GRANULAR UREA BASED FERTILIZER	SPAIN	P	11/11/94	94002323
Case 217 FLUID UREA CONTAINING FERTILIZER	USA	G	11/15/94	5,364,438
Case 217 FLUID UREA CONTAINING FERTILIZER	CANADA	P	10/11/94	2,117,866
Case 217 FLUID UREA CONTAINING FERTILIZER	SPAIN	G	11/15/94	P9402322/0
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	USA	G	12/16/97	5,698,003
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	ARGENTINA	P	12/18/96	96-0105764
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	CHILE	P	12/16/96	2255-96
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	INDIA	P	12/16/96	603/BOM/96
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	VENEZUELA	P	12/17/96	2180-96
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	AUSTRALIA	P	12/10/96	12775/97
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	BELGIUM	P	12/10/96	PCT/US96/19223
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	BRAZIL	P	12/10/96	P19612034-1
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	CANADA	P	12/10/96	2,240,284
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	CHINA	P	12/10/96	9619901.5

Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	UK	P	12/10/96	96943561.9
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	FRANCE	P	12/10/96	PCT/US96/19223
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	GERMANY	P	12/10/96	PCT/US96/19223
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	GREECE	P	12/10/96	PCT/US96/19223
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	HOLLAND	P	12/10/96	PCT/US96/19223
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	IRELAND	P	12/10/96	PCT/US96/19233
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	ITALY	P	12/10/96	PCT/US96/19223
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	JAPAN	P	06/05/98	522832/97
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	SO. KOREA	P	12/10/96	704111/98
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	LATVIA	P	12/10/96	PCT/US96/19233
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	MEXICO	P	12/10/96	984774
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	N. ZEALAND	P	12/10/96	324974
Case 219 FORMULATION FOR FERTILIZER ADDITIVE CONCENTRATE	SPAIN	P	12/10/96	PCT/US96/19223

EXHIBIT B**THE LICENSED TRADEMARKS**

G: Granted P: Pending

MARK	COUNTRY	REGISTRATION NUMBER	REGISTRATION DATE	RENEWAL DATE	STATUS
AGRICO TURF	USA	1,692,249	06/09/92	06/09/02	G
AGRICO TURF	CANADA	495,479	05/28/98	05/28/13	G
AGRICO TURF	U.K.	1,428,575	11/15/94	11/15/04	G
AGRICO TURF	JAPAN	2,489,424	12/25/92	12/25/02	G
AGROTAIN	USA	1,899,499	06/13/95	06/13/05	G
AGROTAIN	AUSTRALIA	733,335	05/26/97	05/26/07	G
AGROTAIN	BRAZIL	SN-819-959,406			P
AGROTAIN	CANADA	SN-845,808			P
AGROTAIN	MEXICO	564,577	11/26/97	05/27/07	G
AGROTAIN	N. ZEALAND	277,192	05/26/97	05/26/04	G
SUPER N	USA	1,481,237	03/22/88	03/22/08	G
SUPER U	USA	1,666,342	12/03/91	12/17/01	G
SUPER U	AUSTRALIA	A552955	12/20/93	03/26/12	G
SUPER U	BENELUX	500,905	04/01/92	03/20/01	G
SUPER U	CHILE	385,757	04/15/92	04/15/02	G
SUPER U	COLOMBIA	147,402	01/28/94	01/28/04	G
SUPER U	COSTA RICA	78,841	03/17/92	03/17/02	G

SUPER U	DOMIN. REP.	51,041	08/14/91	04/14/11	G
SUPER U	EL SALVADOR	99/13/201	10/08/92	10/08/02	G
SUPER U	U.K.	1,458,493	10/13/95	10/23/07	G
SUPER U	FRANCE	1,661,083	10/31/91	03/20/01	G
SUPER U	GERMANY	2,007,745	12/27/91	03/23/01	G
SUPER U	GUATEMALA	51053/400/153	08/26/94	08/26/04	G
SUPER U	ITALY	612,085	12/16/93	04/03/01	G
SUPER U	JAPAN	269,688	09/30/94	09/03/04	G
SUPER U	SO. KOREA	256,623	01/06/93	01/06/03	G
SUPER U	PORTUGAL	273,050	03/26/93	03/26/03	G
SUPER U	RUSSIA	104,293	05/04/92	04/16/01	G
SUPER U	SPAIN	1,630,937	03/04/94	04/19/01	G
SUPER U	VENEZUELA	4405/91	06/10/92	03/15/06	G

EXHIBIT C

THE SUB-LICENSED UREASE INHIBITOR PATENTS

G: Granted P: Pending

PATENTS DOCKET NUMBER/TITLE	COUNTRY	STATUS	PATENT DATE	PATENT NUMBER
CASE AS 001 PHOSPHOROTRIAMIDE UREASE INHIBITORS	USA	G	09/0/85	4,540,428
CASE AS 001 PHOSPHOROTRIAMIDE UREASE INHIBITORS	AUSTRALIA	G	11/13/89	574,667
CASE AS 001 PHOSPHOROTRIAMIDE UREASE INHIBITORS	CANADA	G	05/17/88	1,236,702
CASE AS 002 UREASE INHIBITOR UREA BASED FERTILIZER COMPOSITIONS	USA	G	07/31/88	4,462,819
CASE AS 003 UREASE INHIBITOR UREA BASED FERTILIZER COMPOSITION	USA	G	09/03/85	4,539,037
CASE 004 PHOSPHOROTRIAMIDE UREASE INHIBITORS AND UREASE INHIBITED UREA BASED FERTILIZER COMPOSITIONS	USA	G	05/14/85	4,517,002
CASE AS 005 N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	AUSTRALIA	G	09/05/88	572,823
CASE AS 005 N-ALIPHATIC AND N, N-ALLIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	CANADA	G	05/17/88	1,236,701
CASE AS 005 N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	EPC (FRANCE)	G	02/17/84	119,487
CASE AS 005 N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	EPC (UK)	G	02/17/84	119,487
CASE AS 005 N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	EPC (GERMANY)	G	02/17/84	119,487
CASE AS 005 N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	EPC (ITALY)	G	02/17/84	119,487
CASE AS 005 N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE UREASE INHIBITORS	EPC (HOLLAND)	G	02/17/84	119,487
CASE AS 006 N-ACYL PHOSPHORIC TRIAMIDE UREASE INHIBITORS	USA	G	05/14/85	4,517,003
CASE AS 007 AMINOPHENOL UREASE INHIBITORS AND UREASE INHIBITED UREA BASED FERTILIZER COMPOSITIONS	USA	G	05/14/85	4,517,005
CASE 008 ARYL PHOSPHORIC TRIAMIDE AND ARYL PHOSPHORODIAMIDATE UREASE	USA	G	05/14/85	4,517,004

CASE 009 POLY-PHOSPHORODIAMIDE UREASE INHIBITORS	USA	G	05/21/85	4,518,413
CASE AS 010 UREASE INHIBITED UREA BASED FERTILIZER COMPOSITION	USA	G	07/09/85	4,528,020
CASE AS 011 PHOSPHOROAMIDE UREASE INHIBITORS AND UREASE INHIBITED UREA BASED FERTILIZERS	USA	G	05/14/85	4,517,007
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	AUSTRALIA	G	03/15/84	574,065
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	CANADA	G	11/17/87	1,229,236
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	Epc (FRANCE)	G	02/20/84	119,495
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	Epc (U.K.)	G	02/20/84	119,495
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	Epc (GERMANY)	G	02/20/84	119,495
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	Epc (ITALY)	G	02/20/84	119,495
CASE AS 012 CIP S-ARYL AND S-ALIPHATIC DIAMIDOPHOSPHOROTHOLATES AS AS UREASE INHIBITORS	Epc (HOLLAND)	G	02/20/84	119,495
CASE 013 OXIDIZED SULPHUR DERIVATES OF DIAMINOPHOSPHINYL COMPOSITIONS	USA	G	12/16/86	4,629,491
CASE AS 013 DIV I OXIDIZED SULFUR DERIVATIVES OF DIAMINOPHOSPHINYL	USA	G	09/29/87	4,696,693
CASE AS 013 DIV II OXIDIZED SULFUR DERIVATIVES OF DIAMINOPHOSPHINYL COMPOUNDS AS UREASE INHIBITORS AND INHIBITED UREA BASED FERTILIZERS	USA	G	04/25/89	4,824,783
CASE AS 014 O-DIAMINOPHOSPHINYL DERIVATIVES OF OXIMES AS UREASE INHIBITORS	USA	G	11/25/86	4,624,695