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

1.29.01

02-07-2001



101606751

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

# RECORDATION FORM COVER SHEET

| TRADE   | MARKS ONLY   |
|---|--|
|   | Please record the attached original document(s) or copy(ies).  |
| Submission Type                                 | Conveyance Type  |
| New   | Assignment License   |
| Resubmission (Non-Recordation) Document ID #    | Security Agreement Nunc Pro Tunc Assignment  |
| Correction of PTO Error Reel # Frame #          | Merger Month Day Year  |
| X Corrective Document                           | Change of Name   |
| Reel # 002114 Frame # 0778                      | X Other See attachment for brief.  |
| Name Agrotain Company, The                      | Mark if additional names of conveying parties attached  Execution Date Month Day Year  07/07/2000                  |
|   | 07/07/2000   |
| Formerly  |  |
| Individual General Partnership                  | Limited Partnership Corporation Association  |
| Other Limited Liability Company                 |  |
| ☐ ☑ Citizenship/State of Incorporation/Organiza | tion Missouri  |
| Receiving Party                                 | Mark if additional names of receiving parties attached   |
| Name Firstar Bank, N.A.                         |  |
| DBA/AKA/TA                                      |  |
| Composed of                                     |  |
| Address (line 1) 10 North Hanley Road           |  |
| Address (line 2)                                |  |
| Address (line 3) St. Louis                      | Missouri 63105   |
| Individual General Partnership                  | State/Country Zip Code  Limited Partnership If document to be recorded is an assignment and the receiving party is |
| Corporation Association                         | not domiciled in the United States, an appointment of a domestic representative should be attached.                |
| X Other National Banking Association            |  |
| Citizenship/State of Incorporation/Organizat    |  |
| FOR   | OFFICE USE ONLY  |
|   |  |

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



Document previously recorded at reel 002114, frame 0778 contained an error in trademark

|   | FORM PT0<br>Expires 06/30/99<br>OMB 0651-0027 |  |
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| _ | ONID 0001-0027                                |  |
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### Page 2

U.S. Department of Commerce

| Expires 06/30/99<br>OMB 0651-0027 | TRADEMARK  |
|-----------------------------------|--|
|                                   | presentative Name and Address Enter for the first Receiving Party only.  |
| Name [                            |  |
| Address (line 1)                  |  |
| Address (line 2)                  |  |
| Address (line 3)                  |  |
| Address (line 4)                  |  |
| Correspond                        | ent Name and Address Area Code and Telephone Number 314-622-0815   |
| Name                              | H. Frederick Rusche  |
| Address (line 1)                  | 100 N. Broadway, Suite 1300  |
| Address (line 2)                  | St. Louis, MO 63102  |
| Address (line 3)                  |  |
| Address (line 4)                  |  |
| Pages                             | Enter the total number of pages of the attached conveyance document # 10   |
| Trademark A                       | pplication Number(s) or Registration Number(s) Mark if additional numbers attached   |
|                                   | Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).   |
| Trac                              | emark Application Number(s) Registration Number(s)   |
|                                   | 1899499  |
|                                   |  |
|                                   |  |
|                                   |  |
| Number of                         | roperties Enter the total number of properties involved. # 1   |
| Fee Amoun                         | Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00   |
| Method o<br>Deposit A             | Payment: Enclosed Deposit Account X  |
|                                   | yment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 083460   |
|                                   | Authorization to charge additional fees: Yes X No  |
| Statement a                       | nd Signature   |
| To ti<br>attac                    | e best of my knowledge and belief, the foregoing information is true and correct and any ned copy is a true copy of the original document. Charges to deposit account are authorized, as attention to the original document. |
|                                   | Free Louis la Paracha H Fall Free Land 1/20/01   |
|                                   | A Person Signing Signature Date Signed   |

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 Firstar Bank Missouri, N.A. and Firstar 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.

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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

Ė

"Mortgagee"

Firstar Bank Missouri, N.A.

Firstar Bank, N.A.

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

The foregoing Memorandum of Intellectual Property Rights Mortgage was executed and acknowledged before me this 35th day of June, 2000, by Richard W. Stagmann personally known to me to be the Manager and of The Agrotain Company, LLC, on behalf of such limited liability company.

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. Lais )

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.

Dina 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

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| STATE OF MISSOURI  | )     |
|--------------------|-------|
| CITY               | ) SS. |
| COUNTY OF 57 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 <u>Vice President</u> of Firstar Bank, N.A., on behalf of such national banking association.

Notary Public

My Commission expires:

TINA L. IOHNSON

Notary Public - Notary Scal

STATE OF MISSOURI

St. Charles County

My Commission Expires: Aug. 3, 2002

# 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

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# **EXHIBIT A**

# THE LICENSED PATENTS

G: Granted P: Pending

| Patents  | 1.101     | <del>-</del> | DA TREATE      | D.A. (TIEDAY)    |
|--|-----------|--------------|----------------|------------------|
| Docket Number/Title                                      | COUNTRY   | STATUS       | PATENT<br>DATE | PATENT<br>NUMBER |
| Case 206 HOMOGENEOUS GRANULAR NITROGEN FERTILIZER        | USA       | G            | 02/19/91       | 4,994,100        |
| Case 206<br>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 Case 219       | SPAIN     | G            | 11/15/94       | P9402322/0       |
| 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        |

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| 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      | Р | 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  | Р | 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 |

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## **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  | <b>A5529</b> 55     | 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      |

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| 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<br>.+ | 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 |

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### **EXHIBIT C**

# THE SUB-LICENSED UREASE INHIBITOR PATENTS

G: Granted P: Pending

| PATENTS   | COUNTRY   | STATUS   | PATENT            | PATENT      |
|---|-----------|--|-------------------|-------------|
| DOCKET NUMBER/TITLE                                 |           |  | DATE              | NUMBER      |
| CASE AS 001   | USA       | G  | 09/0/85           | 4,540,428   |
| PHOSPHOROTRIAMIDE UREASE INHIBITORS                 | 05/1      |  | 07/0/03           | 4,540,426   |
| CASE AS 001   | AUSTRALIA | G  | 11/13/89          | 574,667     |
| PHOSPHOROTRIAMIDE UREASE INHIBITORS                 |           |  |                   | 37.,007     |
| CASE AS 001   | CANADA    | G  | 05/17/88          | 1,236,702   |
| PHOSPHOROTRIAMIDE UREASE INHIBITORS                 | }         |  |                   | ,,          |
| CASE AS 002   | USA       | G  | 07/31/88          | 4,462,819   |
| UREASE INHIBITOR UREA BASED FERTILIZER COMPOSITIONS | 1         | ]  |                   |             |
| CASE AS 003   | USA       | G  | 09/03/85          | 4,539,037 • |
| UREASE INHIBITOR UREA BASED FERTILIZER COMPOSITION  |           |  |                   |             |
| CASE 004  | USA       | G  | 05/14/85          | 4,517,002   |
| PHOSPHOROTRIAMIDE UREASE INHIBITORS                 |           | 1  |                   |             |
| AND UREASE  | }         |  |                   |             |
| INHIBITED UREA BASED FERTILIZER COMPOSITIONS        | ATTORDATE | <del>                                     </del> | 00/05/00          |             |
| CASE AS 005   | AUSTRALIA | G  | 09/05/88          | 572,823     |
| N-ALIPHATIC AND N, N-ALIPHATIC PHOSPHORIC TRIAMIDE  |           | 1  |                   |             |
| · ·   |           |  |                   |             |
| UREASE INHIBITORS CASE AS 005                       | CANADA    | G  | 05/17/88          | 1,236,701   |
| N-ALIPHATIC AND N. N-ALLIPHATIC                     | CANADA    | '  | 03/1//66          | 1,230,701   |
| PHOSPHORIC TRIAMIDE                                 | }         | 1  |                   |             |
| UREASE INHIBITORS                                   |           |  |                   |             |
| CASE AS 005   | EPC       | G  | 02/17/84          | 119,487     |
| N-ALIPHATIC AND N. N-ALIPHATIC                      | (FRANCE)  |  | 02/1/104          | 115,707     |
| PHOSPHORIC TRIAMIDE                                 | (1102,02) | Î  |                   |             |
| UREASE INHIBITORS                                   | 1         |  |                   |             |
| CASE AS 005   | EPC       | G  | 02/17/84          | 119,487     |
| N-ALIPHATIC AND N, N-ALIPHATIC                      | (UK)      | 1  |                   | ŕ           |
| PHOSPHORIC TRIAMIDE                                 |           | ]  |                   |             |
| UREASE INHIBITORS                                   |           |  |                   |             |
| CASE AS 005   | EPC       | G  | 02/17/84          | 119,487     |
| N-ALIPHATIC AND N, N-ALIPHATIC                      | (GERMANY) |  |                   |             |
| PHOSPHORIC TRIAMIDE                                 | į         | 1  |                   |             |
| UREASE INHIBITORS                                   | <u> </u>  |  | ·                 |             |
| CASE AS 005   | EPC       | G  | 02/17/84          | 119,487     |
| N-ALIPHATIC AND N, N-ALIPHATIC                      | (ITALY)   |  |                   | :           |
| PHOSPHORIC TRIAMIDE                                 | ļ         |  |                   |             |
| UREASE INHIBITORS                                   |           | ļ  | 00/15/04          | 110 407     |
| CASE AS 005   | EPC       | G  | 02/17/84          | 119,487     |
| N-ALIPHATIC AND N, N-ALIPHATIC                      | (HOLLAND) |  |                   |             |
| PHOSPHORIC TRIAMIDE                                 |           | }  |                   |             |
| UREASE INHIBITORS                                   | USA       | G  | 05/14/85          | 4,517,003   |
| CASE AS 006 N-ACYL PHOSPHORIC TRIAMIDE UREASE       | USA       | "  | 0 <i>3/14/8</i> 3 | 4,317,003   |
| N-ACYL PHOSPHORIC TRIAMIDE UNEASE NHIBITORS         | 1         | 1  |                   | 1           |
| CASE AS 007   | USA       | G  | 05/14/85          | 4,517,005   |
| AMINOPHENOL UREASE INHIBITORS AND                   | COA       |  | V311103           | 1,517,005   |
| UREASE INHIBITED                                    |           |  |                   |             |
| UREA BASED FERTILIZER COMPOSITIONS                  |           |  |                   | }           |
| CIME DISOND E DISONDER COME CONTROLL                |           | ] ]  |                   | J           |
|   |           |  |                   |             |
| CASE 008  | USA       | G  | 05/14/85          | 4,517,004   |
| ARYL PHOSPHORIC TRIAMIDE AND ARYL                   |           | 1 1  |                   | ļ           |
| PHOSPHORODIAMIDATE UREASE                           | <u> </u>  | 1  |                   | l           |

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|---|-----------|--------------|------------|-------------|
| CASE 009  | USA       | G            | 05/21/85   | 4,518,413   |
| POLY-PHOSPHORODIAMIDE UREASE                          |           | ł            | ł          |             |
| INHIBITORS  |           | <u>i</u>     |            | ł           |
| CASE AS 010   | USA       | G            | 07/09/85   | 4,528,020   |
| UREASE INHIBITED UREA BASED FERTILIZER                |           | 1            |            | 1           |
| COMPOSITION   |           | }            | ,          | ]           |
| CASE AS 011   | USA       | G            | 05/14/85   | 4,517,007   |
| PHOSPHOROAMIDE UREASE INHIBITORS AND UREASE INHIBITED |           | [            | 05/11/05   | 4,517,007   |
| UREA BASED FERTILIZERS                                |           | ĺ            |            | 1           |
| CASE AS 012 CIP                                       | AUSTRALIA | G            | 03/15/84   | 674.065     |
| S-ARYL AND S-ALIPHATIC                                | AUSTRALIA | ď            | 03/13/84   | 574,065     |
| DIAMIDOPHOSPHOROTHOLATES AS                           |           |              | ì          | İ           |
| 1   |           |              |            |             |
| AS UREASE INHIBITORS                                  |           |              |            |             |
| CASE AS 012 CIP                                       | CANADA    | G            | 11/17/87   | 1,229,236   |
| S-ARYL AND S-ALIPHATIC                                |           |              |            | 1           |
| DIAMIDOPHOSPHOROTHOLATES AS                           |           | -            | 1          | ļ           |
| AS UREASE INHIBITORS                                  |           |              | 1          | }           |
| CASE AS 012 CIP                                       | . Epc     | G            | 02/20/84 + | 119,495     |
| S-ARYL AND S-ALIPHATIC                                | (FRANCE)  |              | ĺ          |             |
| DIAMIDOPHOSPHOROTHOLATES AS                           | ` '       |              |            | Ì           |
| AS UREASE INHIBITORS                                  |           |              |            | 1           |
| CASE AS 012 CIP                                       | Epc       | G            | 02/20/84   | 119,495     |
| S-ARYL AND S-ALIPHATIC                                | (U.K.)    | •            | 0220704    | 117,475     |
| DIAMIDOPHOSPHOROTHOLATES AS                           | (O.K.)    |              |            | l           |
| AS UREASE INHIBITORS                                  | ł         |              |            |             |
| CASE AS 012 CIP                                       |           | G            | 000000     | - 110 100   |
|   | Epc       | G            | 02/20/84   | 119,495     |
| S-ARYL AND S-ALIPHATIC                                | (GERMANY) | ı            |            | Į.          |
| DIAMIDOPHOSPHOROTHOLATES AS                           | j         | ı            | ļ          | [           |
| AS UREASE INHIBITORS                                  |           |              | <u> </u>   |             |
| CASE AS 012 CIP                                       | Epc       | G            | 02/20/84   | 119,495     |
| S-ARYL AND S-ALIPHATIC                                | (ITALY)   |              | i          |             |
| DIAMIDOPHOSPHOROTHOLATES AS                           |           |              |            | [           |
| AS UREASE INHIBITORS                                  |           |              |            |             |
| CASE AS 012 CIP                                       | Ерс       | G            | 02/20/84   | 119,495     |
| S-ARYL AND S-ALIPHATIC                                | (HOLLAND) |              | 1          |             |
| DIAMIDOPHOSPHOROTHOLATES AS                           |           |              |            | į           |
| AS UREASE INHIBITORS                                  |           |              |            | ]           |
| CASE 013  | USA       | G            | 12/16/86   | 4,629,491   |
| OXIDIZED SULPHUR DERIVATES OF                         |           | _            | 12.000     | ,,025,151   |
| DIAMINOPHOSPHINYL                                     |           |              |            | [           |
| COMPOSITIONS  |           |              |            | 1           |
| CASE AS 013 DIV 1                                     | USA       | G            | 09/29/87   | 4,696,693   |
| · [   | USA       | ď            | 09/29/8/   | 4,090,093   |
| OXIDIZED SULFUR DERIVATIVES OF                        |           |              |            |             |
| DIAMINOPHOSPHINYL                                     |           |              |            |             |
|   |           |              | 1          | }           |
|   | Ì         |              | 1          |             |
| CASE ACOIS DRUK                                       | TIC 4     |              | 040500     | 4 004 500   |
| CASE AS 013 DIV II                                    | USA       | G            | 04/25/89   | 4,824,783   |
| OXIDIZED SULFUR DERIVATIVES OF                        |           |              | 1          | ]           |
| DIAMINOPHOSPHINYL                                     |           |              | 1          | ) '         |
| -COMPOUNDS AS UREASE INHIBITORS AND                   |           |              | ]          | ]           |
| INHIBITED UREA  |           |              |            |             |
| BASED FERTILIZERS                                     |           |              | 1          |             |
| CASE AS 014   | USA       | G            | 11/25/86   | 4,624,695   |
| O-DIAMINOPHOSPHINYL DERIVATIVES OF                    |           |              | 1          |             |
| OXIMES AS UREASE                                      |           |              |            |             |
| INHIBITORS  | 1         |              |            | }           |
|   |           |              | <u> </u>   |             |

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**RECORDED: 01/29/2001** 

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