

04-02-1999

R SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner

101000682

The attached original documents or copy thereof.

1. Name of conveying party(ies):

Yinong Ma
Jerald D. HeiseAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: March 10 and 18, 1999

2. Name and address of receiving party(ies)

Name: Monsanto Company

Internal Address: _____

Street Address: _____

800 N. Lindbergh BoulevardCity: St. Louis State: MO ZIP: 63167Additional 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: March 10 & 18, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John K. Roedel, Jr.

Internal Address: _____

Senniger, Powers, Leavitt & RoedelStreet Address: 16th FloorOne Metropolitan SquareCity: St. Louis State: MO ZIP: 63102

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

3/31/1999 JSHABAZZ 0000239 092/4629

DO NOT USE THIS SPACE

9. 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.*John K. Roedel, Jr.

Name of Person Signing

Signature

March 23, 1999

Date

Total number of pages including cover sheet, attachments, and document:

5

ASSIGNMENT

WHEREAS, We Yinong Ma of Westfield, Massachusetts and Jerald D. Heise of St. Louis, Missouri, have invented an improvement in PROCESS FOR PRODUCING PHOSPHOROUS ACID (Files MTC 6452 and 6538) and have applied for an application for a United States patent based thereon, Serial No. 60/111,734, filed December 10, 1998 and have executed simultaneously herewith a formal U.S. application based on the referenced provisional application;

AND, WHEREAS, Monsanto Company of St. Louis, Missouri, a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States application or

in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

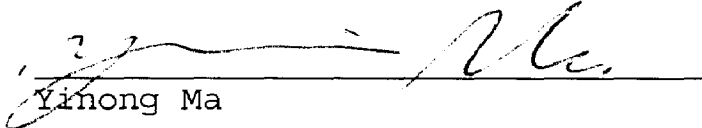
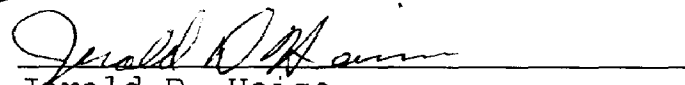
TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

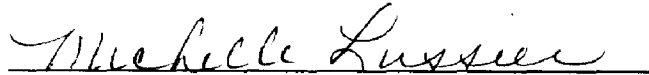
IN WITNESS WHEREOF, we have hereunto set our hands.


Yinong Ma

Gerald D. Heise

STATE OF Massachusetts)
)
COUNTY OF Hampden)

On this 10 day of March, 1999, before me, a Notary Public, personally appeared Yinong Ma to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.


Notary Public

My Commission Expires:

December 10, 2004

STATE OF MISSOURI)

COUNTY OF ST. LOUIS)

On this 18th day of March, 1999, before me, a Notary Public, personally appeared Jerald D. Heise to me known to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Karol J. Wilder
Notary Public

My Commission Expires:

