

06-19-2000

FORM PTO-1595

(Rev. 6-93)

MRD 6-12-00  
OMB No. 0651-0011 (exp. 4/94)

JUN 12 2000



101383604

U.S. Department of Commerce

Patent and Trademark Office

To the Honorable Commissioner

Patents and Trademarks. Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Timothy A. Mitsky, Steve C. Slater, Steven E. Reiser, Ming Hoa, Kathryn L. Houmiel

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: 05/15/00, 05/16/00, 05/15/00, 05/12/00, 05/15/00

2. Name and address of receiving party(ies):

Name: Monsanto Company

Street Address: 800 N. Lindbergh Blvd.

City: St. Louis State: MO Zip: 63167

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration 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):

09/517,978

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mr. Todd Rands

Howrey Simon Arnold & White, LLP  
750 Bering Drive

City: Houston State: Texas Zip: 77057-2198

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed

Authorized to be charged to deposit account  
if check insufficient or inadvertently omitted8. Deposit account number: 01-2508/MOBT:200/KAM  
(Attach duplicate copy of this page if paying by deposit account)

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.

M. Todd Rands

Name of Person Signing, Reg. No. 46,249

Signature

JUN 9, 2000

Date

Total number of pages including cover sheet, attachments and documents: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignment

Washington, D.C. 20231

06/14/2000 MMARMOL 00000022 09517978

02 FC:581

40.00 OP

CERTIFICATE OF MAILING

37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the date below:

Date

6/9/00

Signature

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Monsanto Company (the "Assignee"), having a place of business at 800 N. Lindbergh Boulevard, St. Louis, Missouri 63167, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 09/517,978 which has been filed on **March 3, 2000** and is entitled "**MULTIGENE EXPRESSION VECTORS FOR THE BIOSYNTHESIS OF PRODUCTS VIA MULTIENZYME BIOLOGICAL PATHWAYS**", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

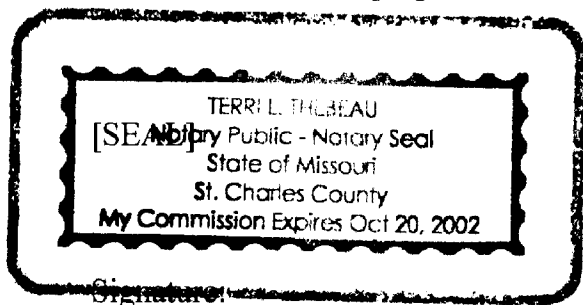
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Timothy A. Mitsky  
Name: Timothy A. Mitsky

Date: May 15, 2000

STATE OF MISSOURI )  
 ) ss.  
COUNTY OF ST CHARLES )

BEFORE ME, the undersigned authority, on this 15 day of MAY, 2000, personally appeared Timothy A. Mitsky, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Terril L. Thibault  
Notary or Consular Officer

Signature: \_\_\_\_\_  
Name: Steven C. Slater

Date: \_\_\_\_\_

STATE OF MASSACHUSETTS )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2000, personally appeared Steven C. Slater, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: \_\_\_\_\_  
Name: Timothy A. Mitsky

Date: \_\_\_\_\_

STATE OF MISSOURI                    )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2000, personally appeared Timothy A. Mitsky, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: Steven C. Slater  
Name: Steven C. Slater

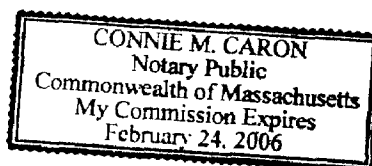
Date: May 16, 2000


STATE OF MASSACHUSETTS        )  
  ) ss.  
COUNTY OF Middlesex )

BEFORE ME, the undersigned authority, on this 16 day of May, 2000, personally appeared Steven C. Slater, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Connie M. Caron  
Notary or Consular Officer

[SEAL]



Signature:   
Name: Steven E. Reiser

Date: 5-15-00

STATE OF MISSOURI                    )  
  ) ss.  
COUNTY OF St. Charles            )

BEFORE ME, the undersigned authority, on this 15 day of May, 2000, personally appeared Steven E. Reiser, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_  
Name: Ming Hao

Date: \_\_\_\_\_

STATE OF MISSOURI                    )  
  ) ss.  
COUNTY OF \_\_\_\_\_            )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2000, personally appeared Ming Hao, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Steven E. Reiser

STATE OF MISSOURI                    )  
  ) ss.  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2000, personally appeared Steven E. Reiser, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

\_\_\_\_\_  
Notary or Consular Officer

[SEAL]

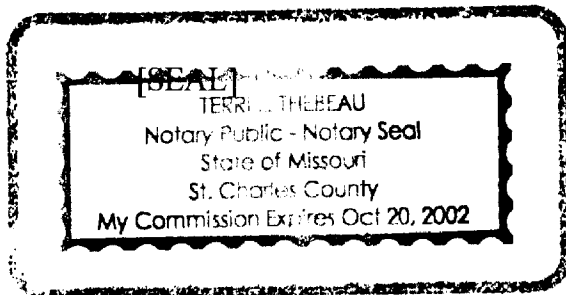
Signature: *Ming Hao*  
Name: Ming Hao

Date: 5-12-2000

STATE OF MISSOURI                    )  
  ) ss.  
COUNTY OF ST CHARLES )

BEFORE ME, the undersigned authority, on this 12 day of MAY, 2000, personally appeared Ming Hao, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

*Terrill Thebeau*  
Notary or Consular Officer



Signature: Kathryn L. Houmiel  
Name: Kathryn L. Houmiel

Date: 5/15/00

STATE OF MISSOURI                     )  
  ) ss.  
COUNTY OF St. Charles             )

BEFORE ME, the undersigned authority, on this 15 day of May, 2000, personally appeared Kathryn L. Houmiel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

Susan T. Palmer  
Notary or Consular Officer

[SEAL]

HOWERY SIMON ARNOLD & WHITE

750 Bering Drive  
Houston, Texas 77057-2198