

ATTORNEY DOCKET NO. **DD0010R-US**

FORM PTO-1595

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

PATENT

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Olga Danilevskaya; Gua-Hua Miao; Carl R. Simmons; Sabine Hantke; Karlene H. Butler; Michele Morgante; Hajime Sakai; Zude Weng; Omolayo O. Famodu

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

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

Pioneer Hi-Bred International, Inc.  
800 Capital Square  
400 Locust Street  
Des Moines, Iowa 50309

Or

E. I. du Pont de Nemours and Company  
1007 Market Street  
Wilmington, Delaware 19898

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

## 3. Nature of conveyance:

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

Execution Date: January 21, 2002; January 21, 2002; January 21, 2002; January 15, 2002; January 10, 2002; January 10, 2002; January 9, 2002; January 11, 2002; January 11, 2002

## 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)

09/967,552

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Debra L. Blair  
Pioneer Hi-Bred International, Inc.  
Corporate Intellectual Property  
7100 N.W. 62<sup>nd</sup> Avenue  
P.O. Box 1000  
Johnston, Iowa 50131-1000

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: 16-1852.

(Attach a 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.*

Debra L. Blair

Name of Person Signing



Signature

January 22, 2002

Date

Total number of pages including cover sheet, attachments, and document: 11

CASE NO. DD0010R-US

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC.  
800 Capital Square  
400 Locust Street  
Des Moines, Iowa 50309

or

E.I. du PONT de NEMOURS and COMPANY  
1007 Market Street  
Wilmington, Delaware 19898

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"PLANT REPRODUCTION POLYNUCLEOTIDES AND METHODS OF USE"**

as set forth in this United States Patent Application

☐ executed concurrently herewith  
☐ executed on  
☒ Serial No. 09/967,552 filed September 28, 2001

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts

Serial No.: 09/967,552

reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications, Letters Patent.

The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGN TO: Pioneer Hi-Bred International, Inc.

Olga Danilevskaya  
Olga Danilevskaya

01.21.02  
Date

State of Iowa

County of Polk ) ss.

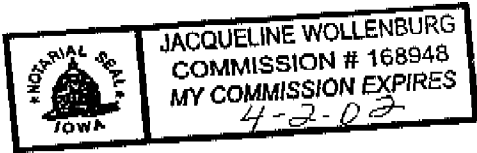
I certify that I know or have satisfactory evidence that **Olga Danilevskaya** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated January 21, 2002

Signature of Jacqueline Wollenburg  
Notary Public

Printed Name Jacqueline Wollenburg

My appointment expires 4-2-02



Serial No.: 09/967,552

ASSIGN TO: Pioneer Hi-Bred International, Inc.

Guo-Hua Miao  
Guo-Hua Miao

01/21/02  
Date

State of Iowa )  
County of Polk ) ss.

I certify that I know or have satisfactory evidence that **Guo-Hua Miao** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated January 21, 2002

Signature of Jacqueline Wollenburg  
Notary Public  
Printed Name Jacqueline Wollenburg

My appointment expires 4-2-02



Serial No.: 09/967,552

ASSIGN TO: Pioneer Hi-Bred International, Inc.

Carl R. Simmons  
Carl R. Simmons

1/21/02  
Date

State of Iowa

County of Polk ) ss.

I certify that I know or have satisfactory evidence that **Carl R. Simmons** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Jan. 21, 2002

Signature of Notary Public Jacqueline Wollenburg  
Printed Name Jacqueline Wollenburg

My appointment expires 4-2-02



Serial No.: 09/967,552

ASSIGN TO: Pioneer Hi-Bred International, Inc.Sabine Hantke

Sabine Hantke

1/15/02

Date

State of NRWCounty of Germany ) ss.

I certify that I know or have satisfactory evidence that **Sabine Hantke** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1/15/02Signature of Notary Public Susan GrayPrinted Name SUSAN GRAY

My appointment expires \_\_\_\_\_

01/15/02Carsten FeichtCARSTEN FEICHT

Serial No.: 09/967,552

ASSIGN TO: E.I. du Pont de Nemours and Company

Karlene H. Butler  
Karlene H. Butler

JANUARY 10, 2002  
Date

State of DELAWARE )  
 ) ss.  
County of NEWCASTLE )

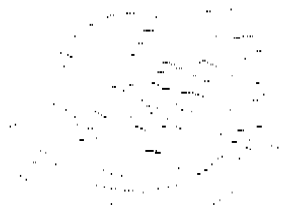
I certify that I know or have satisfactory evidence that **Karlene H. Butler** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1/10/02

Signature of Notary Public Robin L Russell

Printed Name Robin L. Russell

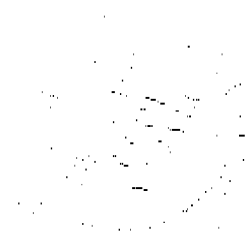
My appointment expires 11/6/2002



Serial No.: 09/967,552

ASSIGN TO: E.I. du Pont de Nemours and CompanyMichele Morgante  
Michele Morgante01/10/2002  
DateState of DELAWARE)County of NEWCASTLE) ss.

I certify that I know or have satisfactory evidence that **Michele Morgante** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1/10/02Signature of Notary Public Robin L. RussellPrinted Name Robin L. RussellMy appointment expires 11/6/2002



Serial No.: 09/967,552

ASSIGN TO: E.I. du Pont de Nemours and CompanyHajime Sakai

Hajime Sakai

1-9-2002

Date

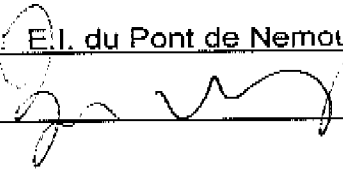
State of Iowa)County of Polk) ss.

I certify that I know or have satisfactory evidence that **Hajime Sakai** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated January 9, 2002Signature of Notary Public Jacqueline WollenburgPrinted Name Jacqueline WollenburgMy appointment expires 4-2-02

Serial No.: 09/967,552

ASSIGN TO: E.I. du Pont de Nemours and Company

  
Zude Weng


1/11/2002  
Date

State of Illinois )

County of Kane ) ss.

I certify that I know or have satisfactory evidence that **Zude Weng** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1/11/02

Signature of   
Notary Public

Printed Name Stephanie L. Rudolph

My appointment expires 8/9/05



Serial No.: 09/967,552

ASSIGN TO: E.I. du Pont de Nemours and Companynyo O. Famodu  
Omolayo O. Famodu1/11/02

Date

State of Delaware )County of New Castle ) ss.

I certify that I know or have satisfactory evidence that **Omolayo O. Famodu** is the person who appeared before me and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1/11/02Signature of  
Notary Public Robin L. RussellPrinted Name Robin L. RussellMy appointment expires 11/16/02