

ATTORNEY DOCKET NO. 0706

FORM PTO-1595

RECORD

11-02-1998



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and

100866445

original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Susan J. Martino-Catt
- 2) Hongyu Wang
- 3) Larry R. Beach
- 4) Xun Wang
- 5) Benjamin A. Bowen

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

2. Name and address of receiving party(ies)

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

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

3. Nature of conveyance:

- ☒ Assignment  
☐ Security Agreement  
☐ Other

- ☐ Merger  
☐ Change of Name

Execution Date: 1) October 8, 1998; 2) October 14, 1998; 3) October 7, 1998; 4) September 28, 1998;  
5) October 14, 1998

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)

09/118,442

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Marianne H. Michel  
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:

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)

10/30/1998 TWOTKINS 00000003 161852 09118442

01 FC:581

40.00 CH

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*fee ok*

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.

Marianne H. Michel

Name of Person Signing

Marianne H Michel

Signature

October 19, 1998

Date

Total number of pages including cover sheet, attachments, and document: 5

PATENT  
REEL: 9543 FRAME: 0144

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

PIONEER HI-BRED INTERNATIONAL, INC.

800 Capital Square

400 Locust Street

Des Moines, Iowa 50309

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 **"GENES CONTROLLING PHYTATE METABOLISM IN PLANTS AND USES THEREOF"**

as set forth in this United States Patent Application

☐ executed concurrently herewith  
☒ executed on October 14, 1998  
☒ Serial No. 09/118,442 filed July 17, 1998

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 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.

3 Oct 98  
Date

Susan J. Martino-Catt  
Susan J. Martino-Catt

State of Iowa)

County of Polk)

ss.

I certify that I know or have satisfactory evidence that Susan J. Martino-Catt 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 10-8-98

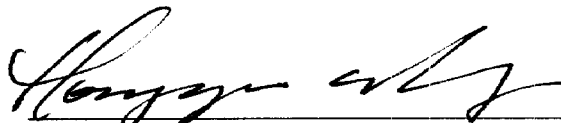
Signature of  
Notary Public Sharon Biller

Printed Name Sharon Biller

My appointment expires 7-19-2001

10/14/98

Date



Hongyu Wang

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Hongyu Wang 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 10-14-98

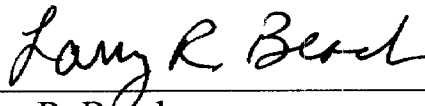
Signature of Notary Public Sharon Biller

Printed Name SHARON B. ILLER

My appointment expires 7-19-2001

10/7/98

Date



Larry R. Beach

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Larry R. Beach 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 10-7-98

Signature of Notary Public Sharon Biller

Printed Name SHARON B. ILLER

My appointment expires 7-19-2001

9/28/98  
Date

Xun Wang  
Xun Wang

State of California )

County of San Diego )

ss.

I certify that I know or have satisfactory evidence that Xun Wang 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 9/28/98

Signature of Notary Public [Signature]

Printed Name Lisa Goldberg

My appointment expires 7/5/01



October 14, 1998  
Date

Ben A. Bowen  
Benjamin A. Bowen

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Benjamin A. Bowen 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 10-14-98

Signature of Notary Public [Signature]

Printed Name Sharon Biller

My appointment expires 7-19-2001