

ATTORNEY DOCKET NO. 0556
FORM PTO-1595 **MPD** **5.14.99** RECORDATION F
PATENT
To the Honorable Commissioner of Patents and Trademarks:

08-02-1999

DEPT. OF COMMERCE
Patent and Trademark Office

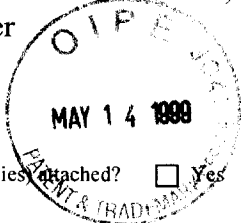


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ts or copy thereof.

1. Name of conveying party(ies):

Benjamin A. Bowen, Mark A. Chamberlin, Bruce
J. Drummond, John A. McElver



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. 62nd 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: **5/3/99; 5/5/99; 4/28/99 & 4/14/99**

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)

09/246,963

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Michael E. Yates
Pioneer Hi-Bred International, Inc.
Corporate Intellectual Property
7100 N.W. 62nd 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)

05/20/1999 DNGUYEN 00000017 161852 09246963

DO NOT USE THIS SPACE

01 FC-581 40.00 CH

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.

Michael E. Yates
Name of Person Signing

Michael E. Yates
Signature

5/10/99
Date

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

PATENT
REEL: 009988 FRAME: 0862

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 "NUCLEOTIDE SEQUENCES ENCODING MAIZE RAD51 "

as set forth in this United States Patent Application

☐ executed concurrently herewith
☐ executed on _____
☒ Serial No. 09/246,963 filed February 9, 1999

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.


5/3/99
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 May 3, 1999

Signature of
Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires 

5-5-99

Date

Mark A. Chamberlin

Mark A. Chamberlin

State of Iowa

County of Polk

ss.

I certify that I know or have satisfactory evidence that Mark A. Chamberlin 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 May 5, 1999

Signature of Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires



April 28, 1999
Date

Bruce J. Drummond
Bruce J. Drummond

State of Iowa

County of Polk

ss.

I certify that I know or have satisfactory evidence that Bruce J. Drummond 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 4-28-99

Signature of Notary Public Ginny Boesen

Printed Name Ginny Boesen

My appointment expires



April 14, 1999
Date

State of North Carolina)
County of Durham)

John A. McElver
John A. McElver

ss.

I certify that I know or have satisfactory evidence that John A. McElver 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 April 14, 1999

Signature of Notary Public Heather S Brainerd

Printed Name Heather S Brainerd

My appointment expires 8/27/2002