

05-24-1999



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CORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

1. Pramod B. Mahajan
2. Christopher Baszczynski
3. Jinrui Shi
4. Benjamin Bowen
5. John McElver

*MLP*  
*5-12-99*

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  
800 Capital Square  
400 Locust  
Des Moines, Iowa 50309

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



3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 1) 4/28/99 2) 4/28/99 3) 4/28/99 4) 5/3/99 5) 4/28/99

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: May 12, 1999

A. Patent Application No.(s) 091310363 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. 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

05/21/1999 JSHABAZZ 00000150 161852 09310363  
01 82:581 40.00 CH

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.*

Michael E. Yates  
Name of Person Signing

*Michael E. Yates* Signature May 12, 1999 Date

Total number of pages including cover sheet, attachments, and document: 6

**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 **"NOVEL MAIZE ORTHOLOGUES OF BACTERIAL RECA PROTEINS"**

as set forth in this United States Patent Application

- executed concurrently herewith  
 executed on \_\_\_\_\_  
 filed as \_\_\_\_\_

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.

4-28-99

Date

PB Mahajan  
Pramod B. Mahajan

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Pramod B. Mahajan 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



4-28-99

Date

Chris L. Baszczynski  
Christopher Baszczynski

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Christopher Baszczynski 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



4-28-99

Date \_\_\_\_\_

Jinrui Shi  
Jinrui Shi

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Jinrui Shi 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 

<b>GINNY BOESEN</b> MY COMMISSION EXPIRES 8-18-2001
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5/3/99

Date

Ben L. Bowen  
Benjamin Bowen

State of Iowa)

County of Polk)

ss.

I certify that I know or have satisfactory evidence that Benjamin 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



April 28, 1999  
Date

John McElver  
John McElver

State of North Carolina )

County of Durham )

ss.

I certify that I know or have satisfactory evidence that John 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 28, 1999

Signature of Notary Public Heather S Brameyer

Printed Name Heather S Brameyer

My appointment expires 8/27/2002