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To the Honorable Commissioner of Patents a.

original documents or copy thereof.

1. Name of conveying party(ies):  
**Candice Ann Cavanaugh Gardner**

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**

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 13, 2000

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)  
 09/490,881

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

**Jean M. Bromert**  
**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)

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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.*

Jean M. Bromert  
 Name of Person Signing

Jean M. Bromert  
 Signature

May 24, 2000  
 Date

Total number of pages including cover sheet, attachments, and document: 3

**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

**"INBRED MAIZE LINE PH0KT"**

as set forth in his United States Patent Application

executed concurrently herewith  
 executed on May 13, 2000  
 Serial No. 09/490,881 filed January 24, 2000

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.

**NAME AND SIGNATURE OF INVENTOR**

Name: Candice Ann Cavanaugh Gardner	Signature: <i>Candice Ann Cavanaugh Gardner</i>	Date: 5-13-2000
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**NAME AND SIGNATURE OF WITNESSES**

Name: Mark Gardner	Signature: <i>Mark C. Gardner</i>	Date: 5-13-2000
Name: Pamela J. Schottner	Signature: <i>Pamela J. Schottner</i>	Date: 5 13 2000

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.