01-07-1999

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To the Honorable Commissioner of Patents and Trademarks: Please	e record the attached original documents or copy thereof.
1. Name of conveying party(ies): Terry Ray Colbert Charles Thomas Cunnyngham Daniel Preston Gorman 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 nd Avenue P.O. Box 1000 Johnston, Iowa 50131-1000 Additional name(s) and address(es) attached? □ Yes ☒ No
3. Nature of conveyance:	
	rger ange of Name
Execution Date: February 10, 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) 09/023,603	B. Patent No.(s)
Additional numbers attached	l d? ☐ Yes ☑ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Jean M. Bromert	7. Total fee (37 CFR 3.41) \$40.00
Pioneer Hi-Bred International, Inc.	
Corporate Intellectual Property 7100 N.W. 62 nd Avenue	Authorized to be charged to deposit account
P.O. Box 1000	
Johnston, Iowa 50131-1000	
	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 the original document.	
Jean M. Bromert Name of Person Signing	11 15 202me A 12 30 75 Signature Date
Total number of pages including cover si	heet, 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. 700 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 PH1NF" as set forth in his United States Patent Application

executed concurrently herewith

X executed on February 10, 1998

Serial No. 09/023,603 filed February 13, 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.

NAMES AND SIGNATURES OF INVENTORS				
Name: Terry Ray Colbert	Signature: Cruff and allest	Date: 2-10-48		
Name: Charles Thomas Cunnyngham	Signature:	Date:		
Name: Daniel Preston Gorman	Signature:	Date		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
Name: JERRY A. BAYSINGER	Signature: A. Bayaner	Date: 2-10-98		
Name:	Signature:	Date:		

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NAMES AND SIGNATURES OF INVENTORS				
Name: Terry Ray Colbert	Signature:	Date:		
Name: Charles Thomas	Signature:	Date:		
Cunnyngham	Thanks Thomas burning ham	2-10-98		
Name: Daniel Preston Gorman	Signature:	Date		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND	SIGNATURES OF WITNESSES	T		
Name: Keith Freeman	Signature: Keth 4 seeman	Date: 2 -10 - 98		
Name:	Signature:	Date:		

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NAMES AND SIGNATURES OF INVENTORS			
Name: Terry Ray Colbert	Signature:	Date:	
Name: Charles Thomas	Signature:	Date:	
Cunnyngham		,	
Name: Daniel Preston Gorman	Signature for from	Date 2/10/93	
Name:	Signature:	Date: '	
Name:	Signature:	Date:	
Name:	Signature:	Date:	
NAMES AND SIGNATURES OF WITNESSES			
Name: Bart Hubbell	Signature: Brd Hubbell	Date: 2/11/98	
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