

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Neil Jonathan Hausmann	02/25/2010
Tabare E. Abadie	02/17/2010
Mark Cooper	03/08/2010
Honor Renee Lafitte	02/25/2010
Jeffrey R. Schussler	03/01/2010
RECEIVING PARTY DATA	
Name:	Pioneer Hi-Bred International, Inc.
Street Address:	7100 NW 62nd Avenue
Internal Address:	P.O. Box 1014
City:	Johnston
State/Country:	IOWA
Postal Code:	50131-1014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11891776
CORRESPONDENCE DATA	
Fax Number:	(515)334-6883
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	515-248-4835
Email:	ginny.boesen@pioneer.com
Correspondent Name:	Louise A. Foutch
Address Line 1:	7250 N.W. 62nd Avenue
Address Line 2:	P.O. Box 552
Address Line 4:	Johnston, IOWA 50131-0552
ATTORNEY DOCKET NUMBER:	2486

CH \$40.00 11891776

501114147

**PATENT
 REEL: 024053 FRAME: 0614**

NAME OF SUBMITTER:

Louise A. Foutch

Total Attachments: 6

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, as indicated below, unto

PIONEER HI-BRED INTERNATIONAL, INC.
7100 NW 62nd Avenue
P.O. Box 1014
Johnston, Iowa 50131-1014

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 **"METHOD AND SYSTEM FOR DIGITAL IMAGE ANALYSIS OF EAR TRAITS"**

as set forth in this United States Patent Application

- executed concurrently herewith
-
- Serial No. 11/891,776 filed August 13, 2007

said Application including all provisional, non-provisional, 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.

February 25, 2010
Date

[Signature]
NEIL JONATHAN HAUSMANN

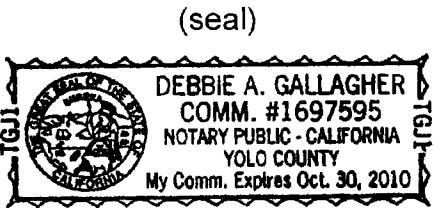
STATE OF CALIFORNIA)
) ss.
COUNTY Yolo)

On Feb. 25, 2010 before me, Debbie A Gallagher, personally appeared **Neil Jonathan Hausmann**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Debbie A Gallagher*



17 February 2010
Date



TABARE E. ABADIE

State of Iowa)
County of Polk)

ss.

I certify that I know or have satisfactory evidence that TABARE E. ABADIE 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 February 17, 2010

Signature of Alice A. Pendergast
Notary Public

Printed Name Alice A. Pendergast

My appointment expires September 12, 2012

March 8, 2010
Date

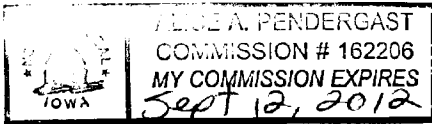
[Signature]
MARK COOPER

State of Iowa)
County of Polk)

ss.

I certify that I know or have satisfactory evidence that MARK COOPER 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 March 8, 2010



Signature of Notary Public *Alice A. Pendergast*

Printed Name Alice A. Pendergast

My appointment expires September 12, 2012

February 25, 2010
Date

Honor Renee Lafitte
HONOR RENEE LAFITTE

STATE OF CALIFORNIA)
COUNTY OF Yolo) ss.

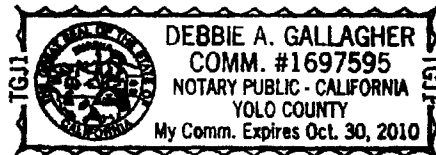
On February 25, 2010 before me, Debbie A. Gallagher, personally appeared **Honor Renee Lafitte**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Debbie A. Gallagher

(seal)



March 1, 2010
Date

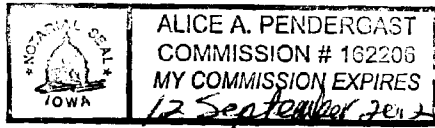
Jeffrey Schussler
JEFFREY R. SCHUSSLER

State of Iowa)
County of ~~Lincoln~~ Polk)

ss.

I certify that I know or have satisfactory evidence that JEFFREY R. SCHUSSLER 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 01 March 2010



Signature of Notary Public Alice A. Pendergast

Printed Name Alice A. Pendergast

My appointment expires 12 September 2012