

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5160123

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILLIAM GORDON-KAMM	09/09/2004
TIM HELENTJARIS	09/09/2004
KEITH LOWE	09/09/2004
BO SHEN	09/09/2004
MITCHELL TARCZYNSKI	09/08/2004
PEIZHONG ZHENG	09/20/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PIONEER HI-BRED INTERNATIONAL, INC.
<b>Street Address:</b>	7100 NW 62ND AVENUE
<b>Internal Address:</b>	PO BOX 1014
<b>City:</b>	JOHNSTON
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	50131-1014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16142766
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(515)535-6883
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	515-535-5859
<b>Email:</b>	IPSUPPORT@PIONEER.COM
<b>Correspondent Name:</b>	PIONEER HI-BRED INTERNATIONAL, INC.
<b>Address Line 1:</b>	7250 NW 62ND AVENUE
<b>Address Line 2:</b>	PO BOX 552
<b>Address Line 4:</b>	JOHNSTON, IOWA 50131-0552
<b>ATTORNEY DOCKET NUMBER:</b>	1759-US-CNT4
<b>NAME OF SUBMITTER:</b>	LOUISE A. FOUTCH
<b>SIGNATURE:</b>	/Louise A. Foutch/
<b>DATE SIGNED:</b>	09/26/2018

PATENT

**Total Attachments: 4**

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**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 **"AP2 DOMAIN TRANSCRIPTION FACTOR ODP2 (OVULE DEVELOPMENT PROTEIN 2) AND METHODS OF USE"**

as set forth in this Provisional United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 60/541,122; filed 2/2/04

including all applications for United States Letters Patent, all divisional, renewal, substitute, continuation, nonprovisionals, 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, and/or Letters Patent.

Date 9-9-04 \_\_\_\_\_  
Keith Lowe

State of Iowa )  
County of Polk ) ss.

I certify that I know or have satisfactory evidence that Keith Lowe 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 9-9-2004 \_\_\_\_\_



Signature of Notary Public Sharon Biller  
Printed Name Sharon Biller  
My appointment expires 7-19-2007

Date 9/09/04 \_\_\_\_\_  
William Gordon-Kamm

State of Iowa )  
County of Polk ) ss.

I certify that I know or have satisfactory evidence that William Gordon-Kamm 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 9-9-2004 \_\_\_\_\_



Signature of Notary Public Sharon Biller  
Printed Name Sharon Biller  
My appointment expires 7-19-2007

8 Sept 2004  
Date

*[Signature]*  
Mitchell Tarczynski

State of Iowa )  
County of Polk )

ss.

I certify that I know or have satisfactory evidence that Mitchell Tarczynski 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 9-8-2004



Signature of Notary Public *[Signature]*

Printed Name Sharon Biller

My appointment expires 7-19-2007

9/09/04  
Date

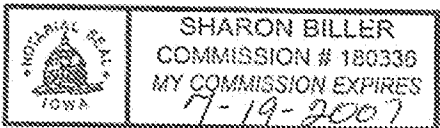
*[Signature]*  
Tim Helentjaris

State of Iowa )  
County of Polk )

ss.

I certify that I know or have satisfactory evidence that Tim Helentjaris 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 9-9-2004



Signature of Notary Public *[Signature]*

Printed Name Sharon Biller

My appointment expires 7-19-2007

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.

9/20/2004  
Date

Peizhong Zheng  
Peizhong Zheng

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Peizhong Zheng 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 9-20-2004



Signature of Notary Public Sharon Biller

Printed Name SHARON BILLER

My appointment expires 7-19-2007

Sept 9, 2004  
Date

Bo Shen  
Bo Shen

State of Iowa )

County of Polk )

ss.

I certify that I know or have satisfactory evidence that Bo Shen 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 9-9-2004



Signature of Notary Public Sharon Biller

Printed Name SHARON BILLER

My appointment expires 7-19-2007