PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2877345

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRYCE REID DAINES	04/28/2014
DAVID HYTEN, JR.	05/05/2014
NICHOLE LYNN SCHNEIDER	04/25/2014
JOHN BRYAN WOODWARD	04/25/2014

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:	13779957

CORRESPONDENCE DATA

Fax Number: (515)535-6883

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.

Phone: 515-535-4192

Email: jamie.zortman@pioneer.com

Correspondent Name: VIRGINIA DRESS

7250 NW 62ND AVENUE Address Line 1:

Address Line 2: P. O. BOX 552

Address Line 4: JOHNSTON, IOWA 50131-0552

ATTORNEY DOCKET NUMBER:	5274-US-NP
NAME OF SUBMITTER:	VIRGINIA DRESS
SIGNATURE:	/Virginia Dress/
DATE SIGNED:	05/30/2014

Total Attachments: 6

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WORLDWIDE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in fulfillment of a pre-existing obligation of assignment, we, Bryce Reid Daines, David Hyten, Jr., Nichole Lynn Schneider and John Bryan Woodward at PIONEER HIBRED INTERNATIONAL, INC., 7100 NW 62nd Avenue, Johnston, Iowa 50131-1014, the undersigned inventor(s) have 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 inventions in "GENETIC LOCI ASSOCIATED WITH RESISTANCE OF SOYBEAN TO CYST NEMATODE AND METHODS OF USE", including all improvements to said invention ("Invention")

as set forth in this United States Patent Application

	executed concurrently herewith
	executed on
\boxtimes	US Serial No. 13/779,957 filed February 28, 2013 and;
\boxtimes	PCT Serial No. US13/45340 filed June 12, 2013,

which claim(s) priority to Serial No. 61/660387, filed June 15, 2012,

including all provisional, non-provisional, divisional, renewal, substitute, continuation, continuations-in-part, international 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; said assignment including the right to bring legal proceedings and obtain any relief to which the undersigned would have been entitled if this assignment had not been made, in respect of any infringements of the undersigned's rights in relation to said inventions, Applications and Letters Patent which occur before or after the date of this assignment; 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, and to bind our heirs, legal representatives, and assigns, promptly to communicate to said Assignee or its representatives any facts known to us relating to said Inventions, to testify in any interference or legal proceedings involving said Inventions, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors or assigns to secure patent or similar protection for said Inventions and to vest in the Assignee complete title to said Inventions and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

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 or the Patent Office of any other country for recordation of this Assignment.

This assignment is deemed to be effective at least as early as of June 15, 2012.

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In Witness Whereof, I have of April	executed this Worldwide Assignment on the 28 day 2014.
Bryce Reid Daines Name of Inventor	Signature of Inventor
WITNESSES:	
28 her 20 H	Signature of Witness: Lu K
Date	Print or Type Name: Shane E. Dodey
4-28-2014	Signature of Witness:
Date	Print or Type Name: Ming Yang

Witness Whereof, I have exe of May	cuted this Worldwide Assignment on the day 2014.
David Hyten, Jr. Name of Inventor	Signature of Inventor
WITNESSES:	
05/23/14	Signature of Witness:
Date	Print or Type Name: Robyn Laskowski
5-23-14	Signature of Witness:
Date	Print or Type Name: Matt Cape

Witness Whereof, I have ex	ecuted this Worldwide Assignment on the <u>26 </u>
Nichole Lynn Schneider Name of Inventor	Milw Munde Signature of Inventor
WITNESSES:	
4/25/14	Signature of Witness:
Date	Print or Type Name: Anthony S Crain
4-25-14	Signature of Witness:
Date	Print or Type Name: Rab Snyder

Witness Whereof, I have exe of,	ecuted this Worldwide Assignment on the25_ day 2014.
John Bryan Woodward Name of Inventor	Signature of Inventor
WITNESSES:	, v. v.
<u> Y-25-14</u>	Signature of Witness:
Date	Print or Type Name: Pob Sayder
4/25/14	Signature of Witness: Anthony S. Crain
Date	Print or Type Name: Anthony 1 Chain