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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONGHE BAI	12/02/2011
FANG LU	12/02/2011
THOMAS W. GREEN	12/15/2011
ROBERT E MOORE	12/09/2011
BRADLEY HEDGES	12/12/2011
SIVA P. KUMPATLA	12/02/2011
RAGAV RAM	12/02/2011

RECEIVING PARTY DATA

Name:	AGRIGENETICS, INC.
Street Address:	9330 ZIONSVILLE ROAD
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46268

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15895813

CORRESPONDENCE DATA

Fax Number: (317)337-4847

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: 317-337-4844

Email: Patents@corteva.com
Correspondent Name: AGRIGENETICS, INC.
Address Line 1: 9330 ZIONSVILLE RD

Address Line 4: INDIANAPOLIS, INDIANA 46268

ATTORNEY DOCKET NUMBER:	69528-US-CNT 15/895813
NAME OF SUBMITTER:	DENA H. TUCHMAN
SIGNATURE:	/Dena H. Tuchman/
DATE SIGNED:	06/10/2020

Total Attachments: 10 source=69528-US-NP 20111220 Assignment#page1.tif source=69528-US-NP 20111220 Assignment#page2.tif source=69528-US-NP 20111220 Assignment#page3.tif source=69528-US-NP 20111220 Assignment#page4.tif source=69528-US-NP 20111220 Assignment#page5.tif source=69528-US-NP 20111220 Assignment#page6.tif source=69528-US-NP 20111220 Assignment#page7.tif source=69528-US-NP 20111220 Assignment#page8.tif source=69528-US-NP 20111220 Assignment#page9.tif source=69528-US-NP 20111220 Assignment#page9.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made effective this 2nd day of November, 2011, by Yonghe Bai; Fang Lu; Thomas W. Greene; Robert E. Moore; Bradley Hedges; Siva P. Kumpatla; and Raghav Ram (hereinafter referred to as Assignors), residing at 3222 Ferrell Drive, Westfield, Indiana 46074; 3442 Burlingame Blvd, Westfield, Indiana 46074; 5535 Glen Oaks Pointe, West Des Moines, Iowa 50266; 510 Gray Drive, Gibson City, Illinois 60936; 93 Augustine Drive, Kingsville, Ontario N9Y 1C4, CANADA; 14524 Baldwin Lane, Carmel, Indiana 46032; and 390 Shades Court, Carmel, Indiana, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SOYBEAN MARKERS LINKED TO SCN RESISTANCE, set forth in a Patent application for Letters Patent of the United States, already filed on November 2, 2011 as U.S. Application No. 13/287,819; and U.S. Provisional Application No. 61/410,783 Filed on November 5, 2010; and

WHEREAS, Agrigenetics, Inc., a organized under and pursuant to the laws of Delaware having its principal place of business at 9330 Zionsville Road, Indianapolis, Indiana 46268 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, for good and valuable consideration and/or the remuneration received for my/our work and/or other goods and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

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granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

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with the rules of the United States Patent and Trademark Office for recordation of this document:

AGRIGENETICS, INC.

All practitioners at Customer Number 25212

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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		geylæ Ban
		Yonghe Bai
Date: Del 2,	2011	
United States of Amer	rica)
State of	Indiana) ss.:
County of	Marion	
On this 2 md personally came described in and who e of the same.	day of <u>Decery</u> Yonghe Bai executed the foregoing	, to me known to be the individual instrument, and acknowledged execution
		Notary Public
		ANNE C HARVEY Notary Public, State of Indiana Marion County Commission # 627321 My Commission Expires June 21, 2019

			Fang	ha
			Fang	Lu
Date: [2	102/2011	-		
United States of Amer	rica)		
State of	Indiana) ss.:		
County of	Marion	_)		
On this 2nd personally came described in and who expected the same.	Fang Lu		to me known to	_, before me be the individual ded execution
		HOTARY SEAL	ANNE C H Notary Public, Sta Marion C Commission My Commissi June 21,	ite of Indiana punty # 627321 on Expires

Thomas W. Greene

12-15-2011 Date:

United States of America

State of County of

day of

Thomas W. Greene

described in and who executed the foregoing instrument, and acknowledged execution

JOSHUA NORSTRUD

Notarial Seal, Iowa 12-15-11 Commission Number 768770 My Commission Expires July 12, 2014

Date: /2-9-//

United States of America
State of Illinois ss.:

County of FORD

On this 9+4 day of December, 201/, before me personally came Robert E. Moore, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution

"OFFICIAL SEAL"

JANET C. TROYER

Notary Public, State of Illinois

My commission expires 04/17/12

		Bradley Hickory
		Bradley Hedges
Date: Lec	12, 2011	_
United States of Am	erica)
State of	Indiana) ss.:
County of	Marion	
personally came	Bradley Hed	ges, to me known to be the individual g instrument, and acknowledged execution Order Charles Charles Notary Public
		ANNE C HARVEY Notary Public, State of Indiana Marion County Commission # 627321 My Commission Expires June 21, 2019

	- Friend	
	Siva P. Kumpatla	
Date: 2 Dec	, 2011	
United States of Amer	ca)	
State of	Indiana) ss.:	
County of	Marion)	
personally came _	day of <u>Decerviner</u> , <u>701</u> , before me Siva P. Kumpatla, to me known to be the individual executed the foregoing instrument, and acknowledged execution	
	Notary Public	_
	ANNE C HARVEY Notary Public, State of Indiana Marion County Commission # 627321 My Commission Expires June 21, 2019	

Taghav Ram

Date: Dec 3 | 201|

United States of America)
State of Indiana) ss.:

County of Marion)

On this 2rd day of December, 201 , before me personally came Raghav Ram , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

RECORDED: 06/10/2020

PATENT REEL: 052889 FRAME: 0065

ANNE C HARVEY
Notary Public, State of Indiana
Marion County
Commission # 627321
My Commission Expires
June 21, 2019