505805852 12/05/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK MCCASLIN	03/22/2019

RECEIVING PARTY DATA

Name:	FORAGE GENETICS INTERNATIONAL, LLC
Street Address:	N5292 GILLS COULEE ROAD
City:	WEST SALEM
State/Country:	WISCONSIN
Postal Code:	54669

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15909692

CORRESPONDENCE DATA

Fax Number: (214)259-0910

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.

Email: lerey.coker@dentons.com **Correspondent Name:** ROBERT E. HANSON

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: **SUITE 5900**

Address Line 4: CHICAGO, ILLINOIS 60606-1080

ATTORNEY DOCKET NUMBER:	FRAE:004US	
NAME OF SUBMITTER:	ROBERT E. HANSON	
SIGNATURE:	/Robert E. Hanson/	
DATE SIGNED:	12/05/2019	

Total Attachments: 2

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> **PATENT REEL: 051192 FRAME: 0843** 505805852

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to FORAGE GENETICS INTERNATIONAL, LLC (the "Assignee"), having a place of business at N5292 Gills Coulee Road, West Salem, Wisconsin, 54669, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the applications for United States Letters Patent, Serial No. 15/909,692 which has been filed on March 1, 2018, and is entitled "ALFALFA VARIETY 410A179", to all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States:

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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TO BE BINDING on the heirs, assi	gns, representatives and successors of the undersigned
and extend to the successors, assigns and no	ominees of the Assignee.
10.1 P	
Signature: MA	Date: 3/22/19
Name: Mark McCaslin	Date: 2/2/15
STATE OF MINNESOFS COUNTY OF SOOTH	
COUNTY OF _ SOOH	
	0010
DEEODE AND ALL AND A	2010
personally appeared Mark McCarlin Israev	uthority, on this 22 day of March, 2018 on to me to be the person whose name is subscribed to
	d to pre that he/she executed the same of his/her own
free will for the purposes and consideration	therein expressed
grammum.	
\$ SAPEARA JSCHOENBOOK\$	Jan A Student
	Witness or Notary
[SEAL]	
(oran)	
Signature:	Date:
Name: Peter Reisen	
CONTRACTOR OF THE PROPERTY OF	
STATE OF	
COUNTIOF	
BEFORE ME, the undersigned au	uthority, on this day of, 2018
	me to be the person whose name is subscribed to the
	me that he/she executed the same of his/her own free
will for the purposes and consideration there	ein expressed.
	Witness or Notary
[SEAL]	

DENTONS US LLP 2000 McKinney Avenue, Suite 1900 Dallas, Texas 75201

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RECORDED: 12/05/2019