503553847 11/04/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW J. DARR	11/03/2015

RECEIVING PARTY DATA

Name:	IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.
Street Address:	2121 STATE AVENUE
City:	AMES
State/Country:	IOWA
Postal Code:	50014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14931932

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ATTORNEY DOCKET NUMBER:	ISURF # 04347
NAME OF SUBMITTER:	TODD A. RATHE
SIGNATURE:	/Todd A. Rathe/
DATE SIGNED:	11/04/2015

Total Attachments: 2

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PATENT 503553847 REEL: 036955 FRAME: 0175

ASSIGNMENT

WHEREAS, WE, THE BELOW CO-INVENTORS,

AARON J. BRUNS, of One John Deere Place, Moline, IL 61265; and

MATTHEW J. DARR, of 2356 Elings Hall, Iowa State University, Ames, Iowa 50011; respectively, have invented new and useful improvements in "GRAIN MASS FLOW RATE DETERMINATION" for which United States Patent Application Serial No. ______, filed ______.

WHEREAS, IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., whose principal address is 2121 State Avenue, Ames, IA 50014, is desirous of acquiring the entire interest of the inventors listed below in the same;

NOW, THEREFORE, the undersigned for good and valuable consideration, the receipt of which is hereby acknowledged, hereby do sell, assign and transfer unto said IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., my entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application; the same for IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.'S legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

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The undersigned HEREBY GRANTS to the law firm of Rathe Lindenbaum LLP the power and authority 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.

Each inventor declares and agrees to all provisions of Assignment by signing below:

 $\frac{11/3/2015}{\text{Date signed}} \text{ at } \frac{Aynes}{\text{City}}, \frac{1A}{\text{State}}$

The signing of the Assignment by the above inventor is witnessed as set forth below:

Non-inventor witness printed name

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PATENT REEL: 036955 FRAME: 0177

RECORDED: 11/04/2015