## 506163834 07/21/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN J. MEWES	04/27/2015
DUSTIN M. SALENTINY	04/22/2015

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15345856

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DATE SIGNED:	07/21/2020

## **Total Attachments: 3**

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PATENT 506163834 REEL: 053266 FRAME: 0195

# ASSIGNMENT OF PATENT AND INTELLECTUAL PROPERTY RIGHTS

WHEREAS, we, <u>IOHN I. MEWES and DUSTIN M. SALENTINY</u>, hereinafter referred to as Assignors, have invented the following Invention(s), titled:

- HARVEST ADVISORY MODELING USING FIELD-LEVEL ANALYSIS OF WEATHER CONDITIONS AND
  OBSERVATIONS AND USER INPUT OF HARVEST CONDITION STATES AND TOOL FOR
  SUPPORTING MANAGEMENT OF FARM OPERATIONS IN PRECISION AGRICULTURE, as described
  at least in the United States non-provisional patent application having serial number 14/603.378,
  filed January 23, 2015;
- DIAGNOSIS AND PREDICTION OF IN-FIELD DRY-DOWN OF A MATURE SMALL GRAIN, COARSE GRAIN, OR OILSEED CROP USING FIELD-LEVEL ANALYSIS AND FORECASTING OF WEATHER CONDITIONS, CROP CHARACTERISTICS, AND OBSERVATIONS AND USER INPUT OF HARVEST CONDITION STATES, as described at least in the United States non-provisional patent application having serial number 14/603,380, filed January 23, 2015;
- MODELING THE IMPACT OF TIME-VARYING WEATHER CONDITIONS ON UNIT COSTS OF POST-HARVEST CROP DRYING TECHNIQUES USING FIELD-LEVEL ANALYSIS AND FORECASTS OF WEATHER CONDITIONS, FACILITY METADATA, AND OBSERVATIONS AND USER INPUT OF GRAIN DRYING DATA, as described at least in the United States non-provisional patent application having serial number 14/603,381, filed January 23, 2015, and United States Patent No. 9,009,087 B1, issued on April 14, 2015;
- MODELING OF COSTS ASSOCIATED WITH IN-FIELD AND FUEL-BASED DRYING OF AN AGRICULTURAL COMMODITY REQUIRING SUFFICIENTLY LOW MOISTURE LEVELS FOR STABLE LONG-TERM CROP STORAGE USING FIELD-LEVEL ANALYSIS AND FORECASTING OF WEATHER CONDITIONS, GRAIN DRY-DOWN MODEL, FACILITY METADATA, AND OBSERVATIONS AND USER INPUT OF HARVEST CONDITION STATES, as described at least in the United States non-provisional patent application having serial number 14/603,382, filed January 23, 2015;
  - RISK ASSESSMENT OF DELAYED HARVEST OPERATIONS TO ACHIEVE FAVORABLE CROP
    MOISTURE LEVELS USING FIELD-LEVEL DIAGNOSIS AND FORECASTING OF WEATHER
    CONDITIONS AND OBSERVATIONS AND USER INPUT OF HARVEST CONDITION STATES, as
    described at least in the United States non-provisional patent application having serial number
    14/603.383, filed January 23, 2015;

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MODELING OF TIME-VARIANT THRESHABILITY DUE TO INTERACTIONS BETWEEN A CROP IN A FIELD AND ATMOSPHERIC AND SOIL CONDITIONS FOR PREDICTION OF DAILY OPPORTUNITY WINDOWS FOR HARVEST OPERATIONS USING FIELD-LEVEL DIAGNOSIS AND PREDICTION OF WEATHER CONDITIONS AND OBSERVATIONS AND USER INPUT OF HARVEST CONDITION STATES, as described at least in the United States non-provisional patent application having serial number 14/603.384, filed January 23, 2015; and

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MODELING OF PLANT WETNESS AND SEED MOISTURE FOR DETERMINATION OF DESICCANT
APPLICATION TO EFFECT A DESIRED HARVEST WINDOW USING FIELD-LEVEL DIAGNOSIS AND
FORECASTING OF WEATHER CONDITIONS AND OBSERVATIONS AND USER INPUT OF HARVEST
CONDITION STATES, as described at least in the United States non-provisional patent application
having serial number 14/603,385, filed January 23, 2015.

and as described in all corresponding and/or related domestic, international, and foreign patent applications now existing or to be filed, whether or not those applications claim priority thereto, (referred to collectively as the "Patent Application(s)").

AND WHEREAS, ITERIS, INC., having its principal place of business at 1700 Carnegie Avenue, Suite 100, Santa Ana, CA 92705-5551, (hereinafter the "Assignee"), desires to formally acquire all rights, title and interest in and to the Invention(s) and the Patent Application(s) (including any and all domestic, international and foreign non-provisionals, continuations, divisions, or other patents and patent applications claiming priority thereto, including and any renewals, reissues or extensions that may be filed or granted), as the employer of the Assignors.

Therefore, for good and valuable consideration, receipt of which is acknowledged, Assignors hereby assign, sell, and transfer all rights, title, and interest in the Invention(s) and Patent Application(s) (as well as such rights in any and all domestic, international, and foreign non-provisionals, continuations, divisions, or other patents and patent applications claiming priority thereto, including and any renewals, reissues or extensions) to Assignee for the entire term of the issued patent(s) and any reissues or extensions that may be granted and for the entire terms of any and all foreign patents or design registrations that may issue from international applications (as well as divisions, continuations in whole or part or substitute applications) claiming priority to any of the above Patent Application(s).

Assignors authorize the United States Patent & Trademark Office and any other intellectual property office in which corresponding and/or related patent applications are filed to issue any patents resulting from the Invention(s) or the Patent Application(s) to Assignee. The rights, title and interest is to be held

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and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made.

Assignors further agree to: (a) cooperate with Assignee in the prosecution of the Patent Application(s) & foreign counterparts; (b) execute, verify, acknowledge & deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as Assignee lawfully may request to obtain or maintain all patents and Patent Applications for the invention in any & all countries.

In testimony thereof, this Assignment is executed by said Assignors, as follows:

JOHN J. MEWES:		***************************************
	Executed on this 27 th/st day of April	2015
	at Grand Forks	, North Dakota
DUSTIN M. SALENTINY:		
	Executed on this 22 th/st day of 420 1	2015
	an Sword Forks	, North Dakota