

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7398939

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ITERIS, INC.	11/06/2017
RECEIVING PARTY DATA		
Name:	CLEARAG, INC.	
Street Address:	1700 CARNEGIE AVENUE	
Internal Address:	SUITE 100	
City:	SANTA ANA	
State/Country:	CALIFORNIA	
Postal Code:	92702	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17340774
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Phone:	816-960-0090	
Email:	patents.main@kutakrock.com	
Correspondent Name:	ANDREA BLACK, PARALEGAL	
Address Line 1:	KUTAK ROCK LLP	
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Address Line 4:	KANSAS CITY, MISSOURI 64108	
ATTORNEY DOCKET NUMBER:	1057001-168.4	
NAME OF SUBMITTER:	ANDREA BLACK	
SIGNATURE:	/Andrea Black/	
DATE SIGNED:	06/23/2022	
Total Attachments: 8		
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PATENT ASSIGNMENT

WHEREAS, ITERIS, INC., a Delaware corporation, having a mailing address of 1700 Carnegie Street, Suite 100, Santa Ana, CA 92705 (hereinafter "ASSIGNOR"), represents and warrants that it is the sole owner of the entire right, title, and interest to certain new and useful improvements and inventions, for which ASSIGNOR has filed or intends to file patent applications and/or has obtained or will obtain Letters Patents for the improvements and inventions as shown in Exhibit 1 (hereinafter "the Patents").

WHEREAS, CLEARAG, INC. a Delaware corporation, having a mailing address of 1700 Carnegie Street, Suite 100, Santa Ana, CA 92705 (hereinafter "ASSIGNEE") desires to acquire the entire right, title, and interest in and to the inventions disclosed in the Patents;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) to ASSIGNOR, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements and inventions, and the said Patents and all future patent applications and patents that may be granted thereon, and all divisions, continuations, continuation-in-parts, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patents in any country or countries foreign to the United States (collectively, the "Future Patents"); together with all rights to income, royalties, and license fees deriving from the Patents and Future Patents, all claims for damages by reason of past, present and future infringements of the Patents and Future Patents and the right to sue for and collect such damages, as permitted under the applicable laws of any jurisdiction or country in which such claims may be asserted for the use and benefit of ASSIGNEE and its successors, assigns and legal representatives; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and inventions and all Letters Patents resulting from the Patents to ASSIGNEE, its successors, assigns, and legal representatives, in accordance with the terms of this Agreement.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of November 2017.

ITERIS, INC

By: Joe Bergera

Signature: _____

Name: Joe Bergera

Title: CEO

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of CA

County of Orange

On November 6, 2017 before me Michelle Lemestre, Notary Public,
(date) (Name, Title of the Officer)

personally appeared Joe Bergera who proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he ~~she~~ executed the same in his ~~her~~ authorized capacity, and that by his ~~her~~ signature on the instrument the person, or entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Ca that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Michelle Lemestre (Seal)

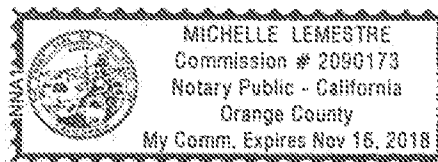


EXHIBIT 1 to PATENT ASSIGNMENT**PATENTS LIST**

TITLE	AREA	MIXED USE PATENTS	AGRICULTU RE PATENTS	SERIAL NO.
Quantification And Simulation Of Performance And Outcome Of Winter Transportation Infrastructure Maintenance Activities	ClearPath Wx	X		PCT/US13/23670
Management Tools for Quantification and Simulation of Performance and Outcome of Winter Transportation Infrastructure Maintenance Activities	ClearPath Wx	X		13/753,144 US 9,262,559
Quantification Of Performance And Outcome Of Winter Transportation Infrastructure Maintenance Activities	ClearPath Wx	X		13/753,085
Localized, Mobile Driver Information System For Highway Maintenance	ClearPath Wx	X		14/013,743 PCT/US13/57313 61/694,775
Application Of Artificial Intelligence Techniques And Statistical Ensembling To Forecast Power Output Of A Wind Energy Facility	ClearAg		X	61/750,481 14/150,784
Data Overlay For Animated Map Weather Display And Method Of Rapidly Loading Animated Raster Data	ClearPath Wx	X		61/839,069 14/315,217
High-Performance Gridded Data Storage, Arrangement And Extraction	ClearPath Wx	X		61/846,633 14/332,768
Pavement Condition Analysis And Prediction Using Simulated Impact Of Traffic Characteristics And Weather Data On A Roadway	ClearPath Wx	X		61/863,446 14/148,913 US 8,744,822
Pavement Condition Analysis from Modeling Impact of Traffic Characteristics, Weather Data and Road Conditions on Segments of a Transportation Network Infrastructure	ClearPath Wx	X		14/294,056 (Continuation App) US 9,098,654
System for Visualization of Snow Flow Data	ClearPath Wx	X		
Measurement and Modeling of Saltwater Contamination of Soil-Water Systems from Oil and Gas Production Activities	ClearAg		X	62/005,032 14/725,139 US 9,579,700 B2
Advanced Irrigation Decision Support Involving Field-Level Weather	ClearAg		X	

TITLE	AREA	MIXED USE PATENTS	AGRICULTU RE PATENTS	SERIAL NO.
Continual Crop Development Profiling with Remotely-Sensed Validation	ClearAg		X	14/463,111; PCT/US2015/0451 71; US 9,131,644
Continual Crop Development Profiling Using Dynamical Extended Range Weather Forecasting with Routine Remotely-Sensed Validation Imagery	ClearAg		X	14/853,593
Unmanned Aerial Vehicle and Remotely-Piloted Vehicle Flight Condition Evaluation and Protection	ClearAg		X	62/110,580
Advanced Planting Decision Support on Seasonal Crop Growing Conditions	ClearAg		X	
Precalculation of Growing Degree Days Model	ClearAg		X	
3D Visualization Model of Roadway Information	Clearpath Wx	X		62/100,184; 14/989,190
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 (Harvest Advisor)	ClearAg		X	14/603,378 US 9,076,118
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 (Harvest Advisor)	ClearAg		X	14/738,836 PCT/US16/14210 US 9,292,796 B1
Spray Risk Based on Weather Conditions and Neighboring Crops	ClearAg		X	
Crop Health Management Systems and Methods	ClearAg		X	
Field Soil Characteristics and Conditions Status and Information Delivery Systems and Methods	ClearAg		X	
An Automated System and Method to Order Informational Crop and Field Widgets and Components for Relevance Based upon Field and Crop State	ClearAg		X	
Novel Displays, Dashboards and Widgets for Ag Advisory Screens	ClearAg		X	

TITLE	AREA	MIXED USE PATENTS	AGRICULTU RE PATENTS	SERIAL NO.
API Systems to Feed the Displays, Dashboards and Widgets for Ag Advisory Screens	ClearAg		X	
Diagnosis and Prediction of In-Field Dry-Down of a Mature Small Grain, Coarse Grain, or Oilseed Crop Using Field Level Analysis (Harvest Advisor)	ClearAg		X	14/603,380 9,140,824 PCT/US16/14211
Modeling the Impact of Time-Varying Weather Conditions on Unit Costs of Post-Harvest Crop Drying Techniques (Harvest Advisor)	ClearAg		X	14/603,381 US 9,009,087
Modeling Costs Associated with In-Field and Fuel-Based Drying of an Agricultural Commodity (Harvest Advisor)	ClearAg		X	14/603,382 US 9,087,312
Risk Assessment of Delayed Harvest Operations (Harvest Advisor)	ClearAg		X	14/603,383 US 9,201,991
Modeling Time-Variant Threshability Due to Interactions Between a Crop in a Field and Atmospheric and Soil Conditions (Harvest Advisor)	ClearAg		X	14/603,384 US 9,037,521
Modeling Plant Wetness and Seed Moisture for Determination of Desiccant Application (Harvest Advisor)	ClearAg		X	14/603,385 US 9,031,884
Modeling Field Accessibility Characteristics from Diagnosis and Prediction of Soil and Weather Conditions (Harvest Advisor)	ClearAg		X	62/118,615
Modeling of Time-Variant Grain Moisture Content for Determination of Preferred Temporal Harvest Windows and Estimation of Income Loss from Harvesting an Overly-Dry Crop	ClearAg		X	14/842,852 9,311,605
Assessment of Moisture Content of Stored Crop, and Modeling Usage of In-Bin Drying to Control Moisture Level Based on Anticipated Atmospheric Conditions and Forecast Time Periods of Energy Usage to Achieve Desired Rate of Grain Moisture Change Through Forced-Air Ventilation	ClearAg		X	14/842,853 US 9,518,753 B2

TITLE	AREA	MIXED USE PATENTS	AGRICULTU RE PATENTS	SERIAL NO.
Modeling of Re-Moistening of Stored Grain Crop for Acceptable Time-of-Sale Moisture Level and Opportunity Windows for Operation of Storage Bin Fans Based on Expected Atmospheric Conditions	ClearAg		X	14/842,854 US 9,336,492
Image-Based Field Boundary Detection	ClearAg		X	62/366,566
Image-Based Field Boundary Detection and Identification	ClearAg		X	15/659,442 PCT/US17/43778
CUSTOMIZED LAND SURFACE MODELING FOR APPLICATION OF ARTIFICIAL PRECIPITATION IN PRECISION AGRICULTURE AND FOR IRRIGATION DECISION SUPPORT IN A CROP AND AGRONOMIC ADVISORY SERVICE	ClearAg		X	62/201,117 15/229,968 PCT/US16/45853
Modeling of Crop Growth for Desired Moisture Content of Bovine Feedstuff and Determination of Harvest Windows for Corn Silage Using Field-Level Diagnosis and Forecasting of Weather Conditions and Field Observations	ClearAg		X	14/952,679
Modeling of Crop Growth for Desired Moisture Content of Bovine Feedstuff and Determination of Harvest Windows for Corn Earlage Using Field-Level Diagnosis and Forecasting of Weather Conditions and Field Observations	ClearAg		X	14/952,686
Modeling of Crop Growth for Desired Moisture Content of Bovine Feedstuff and Determination of Harvest Windows for High-Moisture Corn Using Field-Level Diagnosis and Forecasting of Weather Conditions and Observations and User Input of Harvest Condition States	ClearAg		X	14/952,698
Pest Occurrence Risk Assessment And Prediction In Neighboring Fields, Crops And Soils Using Crowd-Sourced Occurrence Data	ClearAg		X	15/187,963 US 9,563,852 B1 PCT/US17/34112

TITLE	AREA	MIXED USE PATENTS	AGRICULTU RE PATENTS	SERIAL NO.
MODELING OF CROP GROWTH FOR DESIRED MOISTURE CONTENT OF TARGETED LIVESTOCK FEEDSTUFF FOR DETERMINATION OF HARVEST WINDOWS USING FIELD-LEVEL DIAGNOSIS AND FORECASTING OF WEATHER CONDITIONS AND OBSERVATIONS AND USER INPUT OF HARVEST CONDITION STATES	ClearAg		X	14/952,670 PCT/US16/14212
MODELING AND PREDICTION OF BELOW-GROUND PERFORMANCE OF AGRICULTURAL BIOLOGICAL PRODUCTS IN PRECISION AGRICULTURE	ClearAg		X	15/674,130
FLIGHT CONDITION EVALUATION AND PROTECTION FOR UNMANNED AERIAL VEHICLES AND REMOTELY-PILOTED VEHICLES	ClearAg		X	15/012,479
MISSION PRIORITIZATION AND WORK ORDER ARRANGEMENT FOR UNMANNED AERIAL VEHICLES AND REMOTELY-PILOTED VEHICLES	ClearAg		X	15/012,510
Modeling of Soil Compaction and Structural Capacity for Field Trafficability by Agricultural Equipment from Diagnosis and Prediction of Soil and Weather Conditions Associated with User-Provided Feedback	ClearAg		X	15/049,044 PCT/US16/18821
Modeling of Soil Tilth and Mechanical Strength for Field Workability of Cultivation Activity from Diagnosis and Prediction of Soil and Weather Conditions Associated With User-Provided Feedback	ClearAg		X	15/049,045
Simulation of Soil Condition Response to Expected Weather Conditions for Forecasting Temporal Opportunity Windows for Suitability of Agricultural and Field Operations	ClearAg		X	15/049,047
Winter Maintenance Recommendation View	Clearpath Wx	X		
Precipitation Gauge Display	Clearpath Wx	X		
Augmented Reality System for	ClearAg		X	62/422,622

TITLE	AREA	MIXED USE PATENTS	AGRICULTU RE PATENTS	SERIAL NO.
Visualization of Agronomic and Agricultural Information				
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 and Crop Characteristics including Sampled Moisture Content	ClearAg		X	15/345,843
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 Recent Input of Harvest Condition States	ClearAg		X	15/345,856
Development Of Complex Agricultural Simulation Models From Limited Datasets	ClearAg		X	62/543,638