PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARIA MOOSHAMMER	03/07/2022
SHENG-YANG MATTHEW GOH	03/03/2022
DAVID C. STONE	03/06/2022
TYLER BARNUM	03/06/2022
PATRICK L. DUMSTORFF	03/10/2022

RECEIVING PARTY DATA

Name:	TRACE GENOMICS, INC.
Street Address:	303 TWIN DOLPHIN DRIVE, FL6 #35
City:	REDWOOD CITY
State/Country:	CALIFORNIA
Postal Code:	94065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17677403

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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: 6123343222
Email: cnelson@wck.com
Correspondent Name: THEODORE M. MAGEE

Address Line 1: 121 SOUTH EIGHTH STREET, SUITE 1100

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: T148.0003US1

NAME OF SUBMITTER: CHRISTINE N. NELSON

SIGNATURE: /Christine N. Nelson/

DATE SIGNED: 05/16/2022

Total Attachments: 6

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PATENT REEL: 059916 FRAME: 0314

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PATENT REEL: 059916 FRAME: 0315

Attorney Docket No.

ASSIGNMENT

T148.0003US1

WHEREAS, we, Maria Mooshammer, Sheng-Yang Matthew Goh, David C. Stone, Tyler Barnum and Patrick L. Dumstorff (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in an application for Letters Patent of the United States entitled <u>PRECISION FARMING SYSTEM WITH SCALED SOIL CHARACTERISTICS</u>, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No.<u>17/677,403</u>, filed <u>February 22, 2022</u>; and

WHEREAS, Trace Genomics, Inc. (hereinafter referred to as ASSIGNEE), a corporation organized and existing under the laws of the State of Delaware, and having offices at 303 Twin Dolphin Drive, FL6 #35, Redwood City, CA 94065, U.S.A., is desirous of acquiring the entire right, title and interest in and to the invention, the application and any and all Letters Patent(s) or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application(s), corresponding domestic and foreign applications claiming rights or benefits to the above-identified application(s) including non-provisional applications, continuation applications, continuation applications, divisional applications, reissue applications, reexamination applications, design applications and continuation-in-part applications, all Letters Patent(s) or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention, including all rights of priority; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

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03/07/2022	Moxhamm Mein	
DATE	Maria Mooshammer	
DATE	Sheng-Yang Matthew Goh	

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DATE	David C. Stone	
DATE	Tyler Barnum	_
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NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application(s), corresponding domestic and foreign applications claiming rights or benefits to the above-identified application(s) including non-provisional applications, continuation applications, design applications and continuation-in-part applications, all Letters Patent(s) or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention, including all rights of priority; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

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We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

DATE	Maria Mooshammer
2022-03-03	Mally
DATE	Sheng-Yang Matthew Goh

Attorney Docket No.

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3/6/2022

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David C. Stone

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Tyler Barnum

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