506155683 07/15/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KELLY M. HARKINS-KINCAID	04/09/2019
JOSHUA D. KAPP	04/09/2019
CHRISTOPHER J. TROLL	04/10/2019

RECEIVING PARTY DATA

Name:	CLARET BIOSCIENCE, LLC	
Street Address:	2859 MISSION STREET	
City:	SANTA CRUZ	
State/Country:	CALIFORNIA	
Postal Code:	95060	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16961113

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	CBS-2001-US
NAME OF SUBMITTER:	KARI A. DICKINSON
SIGNATURE:	/Kari A. Dickinson/
DATE SIGNED:	07/15/2020

Total Attachments: 5

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PATENT REEL: 053221 FRAME: 0303

ASSIGNMENT AND AGREEMENT

WHEREAS, Kelly M. HARKINS KINCAID of P.O. Box 3052, Santa Cruz, California 95063, United States of America; JOSHUA D. KAPP of P.O. Box 3052, Santa Cruz, California 95063, United States of America; and CHRISTOPHER J. TROLL of P.O. Box 3052, Santa Cruz, California 95063, United States of America; (hereinafter referred to singly and collectively as "Assignor") has invented a certain invention entitled METHODS AND COMPOSITIONS FOR ANALYZING NUCLEIC ACID for which International Patent Application No. PCT/US2019/013210 was filed on January 11, 2019 and;

WHEREAS, Claret Bioscience, LLC, a corporation duly organized and existing under the laws of the State of Delaware and having its principal place of business at <u>2859</u> Mission Street, Santa Cruz, California <u>95060</u>, United States of America (hereinafter referred to as "Assignee") is desirous of acquiring the entire interest therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto Assignee, its successors, assigns and nominees, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof. (b) the above-identified application(s) and all other applications for patent and patents in any and all countries and jurisdictions for the above-identified invention or inventions and all improvements and modifications thereof, (c) all patents which may issue from said applications in any country or jurisdiction, (d) all divisions, continuations, reissues, and extensions of said applications and patents, and (e) the right to claim for any of said applications the full benefits and rights to priority resulting from filing any of the applications, including, without limitation, rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by Assignee, its successors, assigns and nominees, to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention, or improvement or modification thereof, or resulting therefrom, to Assignee as assignee of the entire interest, or its successors, assigns or nominees.

Assignor hereby agrees (a) to communicate to Assignee, its successors and assigns, or their representatives or agents, all facts and information known or available to Assignor respecting said invention or inventions, improvements, and modifications, including, without limitation, evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee; (b) to testify in person or by affidavit as

ASSIGNMENT AND AGREEMENT Page 1 of 5 required by Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by Assignee, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to Assignee, its successors, assigns and nominees, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

Assignor hereby represents and warrants that (a) Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein to Assignee; (b) Assignor has no obligation to sell, assign or transfer any right, title or interest herein to an entity other than Assignee; (c) that Assignor has not executed and will not execute any document or instrument in conflict herewith; (d) no consents of any other parties are necessary or appropriate under any agreements regarding the inventions, applications or patents described above for the assignment of Assignor's entire right, title and interest herein to be legally effective; and (e) to the best of Assignor's knowledge, upon consummation of this Agreement, Assignee will have good and marketable title to the inventions, applications and patents described above, free and clear of any and all encumbrances, pledges, security interests, licenses or charges of any nature whatsoever.

Assignor hereby grants to the law firm of Grant IP, Inc. 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.

Assignor understands and agrees that the attorneys and agents of the law firm of Grant IP, Inc. do not personally represent Assignor or Assignor's legal interests, but instead represent the interests of Assignee; since said attorneys and agents cannot provide legal advice to Assignor with respect to this Assignment, Assignor acknowledges its right to seek its own independent legal counsel.

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ASSIGNMENT AND AGREEMENT Page 2 of 5

Executed thisday of	<u>pri(, 20_/9</u>
	RAMARK
	Kelly M. HARKINS KINCAID
Executed in the Presence of:	
	Signature of witness
	VARSHA RAD Printed name of witness

Executed this OQ day of $Apri$, 2019	
	JOSHUA D. KAPP
Executed in the Presence of:	QW///
	Signature of witness
	VARSHA RAO
	Printed name of witness
	04 - 09 - 19
	Date

Executed this 10 day of April , 2019	
	CHRISTOPHER J. TROLL
Executed in the Presence of:	Children Commence
	Signature of witness
	Colin Naughton
	Printed name of Witness
	4/10/2019
	Date '

ASSIGNMENT AND AGREEMENT Page 5 of 5

> PATENT REEL: 053221 FRAME: 0308

RECORDED: 07/15/2020