PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5463250

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONG CAI	05/21/2012
NATHAN J. COBB	05/29/2012

RECEIVING PARTY DATA

Name:	MESA TECH INTERNATIONAL, INC.	
Street Address:	6181 CORNERSTONE COURT	
Internal Address:	SUITE 101	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16377749

CORRESPONDENCE DATA

Fax Number: (202)842-7899

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: 202-842-7800

 $z IPP at ent Docketing Mailbox US@cooley.com, \ mward rick@cooley.com$ Email:

COOLEY LLP ATTN: PATENT GROUP Correspondent Name:

Address Line 1: 1299 PENNSYLVANIA AVE, NW

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	MESB-004/04US-328453-2100	
NAME OF SUBMITTER:	XIAOZHEN YU	
SIGNATURE:	/Xiaozhen Yu/	
DATE SIGNED:	04/08/2019	

Total Attachments: 2

source=MESB-004-04US-328453-2100_Assignment-1#page1.tif source=MESB-004-04US-328453-2100_Assignment-1#page2.tif

PATENT REEL: 048821 FRAME: 0819 505416460

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

Inventors:

Hong Cai

Nathan J. Cobb

Serial No.:

PCT/US12/34589

Filed:

April 20, 2012

For valuable consideration received or to be received, and hereby acknowledged, Hong Cai of 2306 Canyon Glen Road, Los Alamos, New Mexico 87544 and Nathan J. Cobb of 941 Calle Mejia, #516, Santa Fe, New Mexico 87501 (hereinafter referred to as "Inventors"), hereby sell, assign and transfer unto Mesa Tech International, Inc. of 2778 Agua Fria, Building C, Suite A, Santa Fe, New Mexico 87507, its successors and assigns (hereinafter referred to as "Assignee"), the entire interest for the United States of America and all foreign countries, including all rights of priority under the international conventions and treaties, in and to a certain invention or improvement known as Oscillating Amplification Reaction for Nucleic Acids, and described in an application filed in the U.S. Receiving Office of the Patent Cooperation Treaty on April 20, 2012, and given Patent Cooperation Treaty Application Serial No. PCT/US12/34589; and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or on any provisional, utility, divisional, continuing, continuationin-part, reissue, reexamination or other applications based in whole or in part thereon. And Inventors agree hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper in Assignee's sole discretion, to secure to Assignee the grant of Letters Patent in the United States and/or in other countries as Assignee may determine in its sole discretion, with specifications and claims in such form as shall be approved by Assignee's counsel, and to vest and confirm in Assignee the legal and equitable title and full use and benefit of all such patents.

Inventors further agree with Assignee that this Assignment covers all processes, specifications, procedures, techniques and other knowledge and information now or hereafter known to Inventors which are not in the public domain and which relate to the above-mentioned invention or improvement, its manufacture, uses or embodiments, or other matters (the "Related Know-How"). Inventors agree to disclose or provide all Related Know-How to Assignee when discovered or upon request.

1

PATENT REEL: 048821 FRAME: 0820 Inventors further covenant that Inventors will promptly provide to Assignee, upon its request, with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Inventors and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Inventors' rights in the above-mentioned invention or improvement and Related Know-How and any patent application(s) and Letters Patent thereon have not been previously assigned, mortgaged or otherwise encumbered, and Inventors have full right, power and authority to assign all such rights to Assignee hereunder.

As used herein, the terms "Inventors" and "Assignee" shall include such parties and their heirs, administrators, estates, successors and assigns of every kind.

Inventors hereby authorize and request the Director of the United States Patent and Trademark

Office, and all foreign countries' equivalent officials, to issue such Letters Patent as shall be granted on said application or applications based thereon to Assignee.

Hong Cai

Date: 5/2/

Nathan J. Cobb

Date: 27 May 2012

G:\A-CLIENTS\Mesa Tech\ASSIGN\Assign-pct-34589.doc

RECORDED: 04/08/2019

2