#### 503799400 04/26/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT GERALD WHALEN	04/25/2016

### **RECEIVING PARTY DATA**

Name:	ALTRAVAX, INC.
Street Address:	725 SAN ALESO AVENUE
Internal Address:	SUITE 2
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14207135

#### 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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**Correspondent Name:** FISH & RICHARDSON P.C. Address Line 1: 60 SOUTH SIXTH STREET

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ATTORNEY DOCKET NUMBER:	30699-0009001
NAME OF SUBMITTER:	CAMERON M. LUITJENS, REG. NO. 58674
SIGNATURE: /Cameron M. Luitjens/	
DATE SIGNED:	04/26/2016

**Total Attachments: 4** source=Assn#page1.tif source=Assn#page2.tif source=Assn#page3.tif source=Assn#page4.tif

> **PATENT** REEL: 038382 FRAME: 0155

503799400

# **ASSIGNMENT**

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ROBERT GERALD WHALEN, CLAYTON W. BEARD, and LIXU, each individually assign to ALTRAVAX, INC., a corporation formed under the laws of North Dakota and having a principal place of business at 725 San Aleso Avenue, Suite 2, Sunnyvale, CA 94085, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "HEPATTTIS B VIRUS VACCINES," and was filed in the United States Patent and Trademark Office on March 12, 2014, as application 14/207,135 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filling date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Date: <u>April 25, 2014</u>

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 California County of San Mates

April 25th, 2016 before me, Kamal Cingh, NO horry Jublic' (insert name and little of the officer)

personally appeared\_

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ape subscribed to the within instrument and acknowledged to me that he/ske/tkey executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal



Attorney Docket No.: 30699-0009001

	Date:
Clayton W. Beard	
Co	unty, North Carolina
I certify that the following per-	son personally appeared before me this day, each acknowledging
to me that he or she signed the	foregoing document:
1	Name(s) of principal(s)
Date:	
•	
	Official Signature of Notary
	, Notary Public
	Notary's printed or typed name
	My commission expires:

Attorney Docket No.: 30699-0009001

Date:	
Li Xu	
A notary public or other officer completing this certificate verifies only the identity of the individual who si document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.	gaed me
State of California County of	
On before me, (insert name and title of the officer)	
(insert name and title of the officer)	
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the shis/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument person(s), or entity upon behalf of which the person(s) acted, executed the instrument.	ame in
I certify under PENALTY OF PERJURY under the laws of the State of California that the formagraph is true and correct.	oregoing
WITNESS my hand and official seal.	
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