504979816 06/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK R. ZIEBELL	06/25/2018

RECEIVING PARTY DATA

Name:	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
Street Address:	210 WEST 7TH STREET
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78701

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	61945718
Application Number:	61970529
Application Number:	14634607
PCT Number:	US2015018183

CORRESPONDENCE DATA

Fax Number: (214)259-0910

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: 2142590900

Email: joseph.volpe@dentons.com **Correspondent Name: ROBERT E. HANSON**

233 SOUTH WACKER DRIVE Address Line 1:

Address Line 2: **SUITE 5900**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	UTSW:018US
NAME OF SUBMITTER:	ROBERT E. HANSON
SIGNATURE:	/Robert E. Hanson/
DATE SIGNED:	06/27/2018

Total Attachments: 2

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> **PATENT** REEL: 046442 FRAME: 0895 504979816

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to the Board of Regents of the University of Texas System ("Assignee"), an institute of higher education organized and existing under the laws of Texas, having a place of business at 210 West 7th Street, Austin, Texas, 78701, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Provisional Patent Application, Serial No. 61/945,718 which has been filed on February 27, 2014 and is entitled "Method for the Detection of Exosomes in Human Plasma for Early Detection of Cancer", Serial No. 61/970,529 which has been filed on March 26, 2014 and is entitled "Methods and Compositions for Isolating Exosomes", Serial No. 14/634,607 which has been filed on February 27, 2015 and is entitled "Methods and Compositions for Isolating Exosomes", Serial No. PCT/US15/18183 which has been filed on February 27, 2015 and is entitled "Methods and Compositions for Isolating Exosomes", such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned:

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the

STATE OF CALIFORNIA COUNTY OF ORANGE

Successors, assigns and nontinees of the Assignee.

Date 6-25-18

Date 6-25-18

State of California Section Sect

BEFORE ME, the undersigned authority, on this 25 day of VVC, WS, personally appeared MACK Z COVC, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

(SEAL)

SHAMMA ORTIZ COMM. #2193926 Z Notary Public - California © Orange County Ny Comm. Expires Apr. 25, 2021 Notary or Consular (Brow

PATENT REEL: 046442 FRAME: 0896

CALIFORNIA CERTIFICATE OF 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 California)	
County of <u>12092</u>)	
on <u>JUN 25 1 2018</u> before me, <u>Shanna</u>	OATZ,
personally appeared MACK ZIPDEN	
	, , , , , , , , , , , , , , , , , , ,
who proved to me on the basis of satisfactory evidence to be the person the within instrument and acknowledged to me that he/she/they authorized capacity(ies), and that by his/her/their signature(s) on the in upon behalf of which the person(s) acted, executed the instrument.	executed the same in his/her/their
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	SHANNA ORTIZ
WITNESS my hand and official seal.	COMM. #2193926 Notary Public - California Orange County My Comm. Expires Apr. 25, 2021
Signature SOII S	
	(Seal)
	(Seal)
Although the information in this section is not required by law, it could prevent fraudulent removal and unauthorized document and may prove useful to persons relying on the attached document.	
Although the information in this section is not required by law, it could prevent fraudulent removal and unauthorized document and may prove useful to persons relying on the attached document. Description of Attached Document	
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Unauthorized document and may prove useful to persons relying on the attached document. Description of Attached Document The preceding Certificate of Acknowledgment is attached to a document	reattachment of this acknowledgment to an Method of Signer Identification Proved to me on the basis of satisfactory evidence:
Description of Attached Document The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of pages, and dated pages. The signer(s) capacity or authority is/are as:	reattachment of this acknowledgment to an Method of Signer Identification Proved to me on the basis of satisfactory evidence: ○ form(s) of identification ○ credible witness(es) Notarial event is detailed in notary journal on:
Description of Attached Document The preceding Certificate of Acknowledgment is attached to a document titled/for the purpose of SCANAL COCCE containing pages, and dated SCANAL SCANAL COCCE	reattachment of this acknowledgment to an Method of Signer Identification Proved to me on the basis of satisfactory evidence: of form(s) of identification or credible witness(es) Notarial event is detailed in notary journal on: Page # Entry #
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RECORDED: 06/27/2018

REEL: 046442 FRAME: 0897