PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rinat O. Esenaliev	12/09/2011

RECEIVING PARTY DATA

Name:	The Board of Regents of the University of Texas System		
Street Address:	201 West Seventh Street		
City:	Austin		
State/Country:	Country: TEXAS		
Postal Code:	ostal Code: 78701		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12821398

CORRESPONDENCE DATA

Fax Number: (832)446-2424 Phone: 8324462400

Email: wcpatent@counselip.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Wong Cabello LLP

Address Line 1: 20333 State Highway 249, Suite 600

Address Line 4: Houston, TEXAS 77070

ATTORNEY DOCKET NUMBER: 1145-0009US

NAME OF SUBMITTER: Terril Lewis

Total Attachments: 1

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PATENT REEL: 027376 FRAME: 0454 CH \$40.00 12821

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ASSIGNMENT

WHEREAS Rinat O. Esenaliev residing at 2006 Port Bridge Ln., League City, TX 77573 (the "Assignor") is the inventor of Inventions described in the following Applications and Patents:

Application Number	Filed	Title
USSN 61/219,693	Jun. 23, 2009	Radiation and Nanoparticles for Therapeutic Applications
USSN 61/322,515	Apr. 9, 2010	Radiation and Nanoparticles for Therapeutic Applications
USSN 12/821,398	Jun. 23, 2010	Noninvasive Therapies in the Absence or Presence of Exogenous
		Particulate Agents

And WHEREAS The Board of Regents of the University of Texas System (the "Assignee"), having a place of business at 201 West Seventh Street, Austin, TX, 78701, is desirous of acquiring the entire right, title and interest in and to said inventions and applications.

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

SELL, ASSIGN, TRANSFER, and CONVEY to Assignee the full and exclusive right, title, and interest (a) in and to the Applications and Inventions; (b) in and to all rights to apply for patents on the Inventions in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Inventions in any and all countries and groups of countries, including each and every division, continuation, or substitution of the Applications; and (d) in and to each and every reissue, renewal, or extension of any of the Patents;

COVENANT and AGREE to cooperate with Assignee to enable Assignee to enjoy to the fullest extent the right, title, and interest to the Inventions herein conveyed in any and all countries. Such cooperation by Assignors includes prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the Applications; (c) for filing and prosecuting divisional, continuing, substitute, or additional applications covering the Inventions; (d) for filing and prosecuting applications for reissuance of any of the Patents; (e) for any priority proceedings involving the Inventions; and (f) for legal proceedings involving the Inventions, Applications, and Patents, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions, and court actions; provided, however, that the expense incurred by Assignors in providing such cooperation shall be paid for by said Assignee;

WARRANT and REPRESENT that the undersigned has not entered and will not enter into any assignment, contract, or understanding in conflict herewith;

TO BE BINDING on the heirs, legal representatives, and assigns of the undersigned and extend to the successors, assigns, and other legal representatives of the Assignee.

Signature: _______ Date: \(\begin{align*} \ldot \ldot

STATE OF 164A3 COUNTY OF GALVESTON

BEFORE ME, the undersigned authority, on this day of Secaber, 2/1/ personally appeared R/14/O Escaler, 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.

DEBORAH LYNN MUSTERMAN Notery Public, State of Texas Commission Expires JAMUAHY 26, 2015

RECORDED: 12/13/2011

Totary or Consular Officer

PATENT REEL: 027376 FRAME: 0455