

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS	12/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Board of Trustees of the University of Arkansas
<b>Street Address:</b>	2404 North University
<b>City:</b>	Little Rock
<b>State/Country:</b>	ARKANSAS
<b>Postal Code:</b>	72207
<b>Name:</b>	BIOVENTURES, LLC
<b>Street Address:</b>	4301 W. MARKHAM ST. #831
<b>City:</b>	LITTLE ROCK
<b>State/Country:</b>	ARKANSAS
<b>Postal Code:</b>	72205-7199
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14357038
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	6401-00043
<b>NAME OF SUBMITTER:</b>	TOLGA S. GULMEN
<b>SIGNATURE:</b>	/TOLGA S. GULMEN/
<b>DATE SIGNED:</b>	02/27/2019

**Total Attachments: 3**

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## ASSIGNMENT

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS (“Assignor”), having its principal place of business at 2404 North University Avenue, Little Rock, AR 72207, is an owner of the invention and patent applications listed below. BIOVENTURES, LLC (hereinafter referred to as “BioVentures”), having its principal place of business at 4301 W. Markham St., #831, Little Rock, AR 72205-7199, desires to acquire rights in and to the invention and patents listed below. Therefore, for valuable and sufficient consideration, the receipt whereof is hereby acknowledged, Assignor hereby sells, assigns and conveys unto The Board of Trustees of the University of Arkansas AND BioVentures, their successors and assigns (collectively, hereinafter referred to as “Assignees”), the entire right, title and interest –

(1) in and to an invention entitled “METHODS AND COMPOSITIONS FOR X-RAY INDUCED RELEASE FROM pH SENSITIVE LIPOSOMES” for International Patent Application No. PCT/US2012/064087 filed November 8, 2012 (Attorney Docket No. 6401-00042) (hereinafter the “International Patent Application”), which claims the benefit of U.S. Provisional Application 61/556,936, filed November 8, 2011 (hereinafter the “United States Provisional Patent Application”);

(2) in and to said International Patent Application, in and to all other patent applications derived from or relating to said International Patent Application (including all national phase applications, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues or reexaminations thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) in and to all applications filed under International Conventions on the invention or claiming priority to the International Patent Application or the United States Provisional Patent Application.

We agree that any patent applications with a claim to priority based on said International Patent Application or the United States Provisional Patent Application may be filed in the names of the Assignees.

We hereby agree that we will, upon demand of Assignees, their successors or assigns, and without further consideration to Assignor, execute any and all papers that may be necessary, or deemed to be necessary, by Assignees, their successors or assigns, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignees, their successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignees.

[Signature Page Follows]

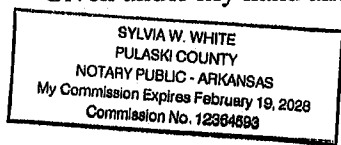
December 17, 2018  
Date

Donald R. Bobbitt  
on behalf of The Board of  
Trustees of the University of Arkansas

State of Arkansas )  
County of Pulaski )

I hereby certify that Donald R. Bobbitt, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day and acknowledge that said instrument was signed and delivered as the free and voluntary act of his, for the uses and purposes therein set forth.

Given under my hand and seal, this 17<sup>th</sup> day of Dec, 2018



Sylvia W. White  
Sylvia W. White, Notary Public

December 18, 2018  
Date

Nancy M. Gray  
on behalf of BioVentures, LLC

State of Arkansas )  
County of Pulaski )

I hereby certify that Nancy M. Gray, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day and acknowledge that said instrument was signed and delivered as the free and voluntary act of his, for the uses and purposes therein set forth.

Given under my hand and seal, this 18 day of December, 2018

Alison M. Gill  
Alison M. Gill, Notary Public

