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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
RICHARD LEWIS VEECH			07/21/2015	
RECEIVING PARTY	DATA			
Name:		THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES		
Street Address:	6011 EX	6011 EXECUTIVE BOULEVARD		
City:	BETHE	BETHESDA		
State/Country:	MARYL	MARYLAND		
Postal Code:	20892	20892		
Application Number		15403982		
	ll be sent to if provided	(857)300-4001 the e-mail address first; if that is un ; if that is unsuccessful, it will be se 857-300-4003		
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ASSIGNMENT Attorney Docket No: 569374 BAWI-027US

ASSIGNMENT FOR NIH/FDA/CDC INVENTIONS (NIH OR FDA OR CDC CO-INVENTORS ONLY)

WHEREAS, I/we, Richard L. Veech, an employee/employees of the National Institutes of Health, a component/component(s) of The United States Department of Health and Human Services and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, [hereinafter The Inventors], have made certain inventions as described and claimed in the U.S. Patent Application having United States Serial Number 14/440,634, filed 5/5/2015, and which is entitled "KETONE BODIES TO PROTECT TISSUES FROM DAMAGE BY IONIZING RADIATION" ("U.S. Application") and;

WHEREAS, I/we are the applicant(s) named in the above-identified U.S. Application; and

WHEREAS, the inventions described and claimed therein were made under conditions such as to entitle THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services and Human Services [hereinafter THE GOVERNMENT] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the U.S. Application; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in the above-identified patent application to THE GOVERNMENT, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign and transfer to THE GOVERNMENT:

the entire right, title, and interest in and to any and all inventions described and claimed in said U.S. Application and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of said U.S. Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent that may be filed for any and all inventions described and claimed is said U.S. Application that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof, and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

I/we further agree to make, execute, and deliver to THE GOVERNMENT, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention.

PATENT REEL: 041543 FRAME: 0008

ASSIGNMENT Attorney Docket No: 569374 BAWI-027US

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1: Richard L. Veech County of Monthomev J Ss: State of Marzland Subscribed and sworn to before me this $2k_1$ day of $\frac{3419}{3}$ 2015. [Seal] Notary Public for Mont Som ~ * 3 MO C??. (6 My Commission Expires: <u>> & /</u> 13/20 *****

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RECORDED: 03/10/2017