PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF IOWA	10/13/1999

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892-7980	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	07562719

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

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PATENT REEL: 021644 FRAME: 0281 3972901-92-0006 Campbell

LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the Department of Health and Human Services, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention. This license will extend to all divisions or continuations of the patent application and all patents or reissues which may be granted thereon:

Invention Title

Diagnosing Malignant Hyperthermia Susceptibility by Detection of Abnormal Tryptic Digest Fragments

of the Ryanodine Receptor

Inventor(s)

: Kevin P. Campbell, C. Michael Knudson, Steven D. Kahl

Patent Application

Serial No.

: 07/562,719

Filing Date

: August 6, 1990

Title

Diagnosing Malignant Hyperthermia Susceptibility by Detection of Abnormal Proteolytic Enzyme Digestion Fragments of the Ryanodine Receptor

Country, if other

than United States

See Attached

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, National Institutes of Health Grant No. HL39265

Principal rights to this subject invention have been left with the Licensor: University of Iowa Research Foundation subject to the provisions of 37 CFR 401 and 45 CFR 8.

Signed:

Date:

Name : W. Bruce Wheaton

Title: Interim Executive Director, University of Iowa Research Foundation

PATENT REEL: 021644 FRAME: 0282

RECORDED: 10/07/2008