

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	02/24/2014
RECEIVING PARTY DATA	
Name:	UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES, AN INSTITUTION OF HIGHER LEARNING WITHIN THE DEPARTMENT OF DEFENSE, A GOVERNMENT AGENCY OF THE UNITED STATES OF AMERICA
Street Address:	4301 JONES BRIDGE ROAD
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20814
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	13759922
Patent Number:	8389495
Patent Number:	8030285
Application Number:	09958713
PCT Number:	US0009839
Application Number:	60128898
Patent Number:	8227446
Patent Number:	7960356
Patent Number:	6977245
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ATTORNEY DOCKET NUMBER:	4239-62001-04
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NAME OF SUBMITTER:	SUSAN ALPERT SIEGEL
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Signature:	/Susan Alpert Siegel/
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Date:	02/25/2014
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Total Attachments: 3

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ASSIGNMENT

WHEREAS, **THE UNITED STATES OF AMERICA**, as represented by the **Secretary, Department of Health and Human Services** [hereinafter **USA-HHS**], 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, is the sole and exclusive owner of:

U.S. Patent Application No. 13/759,922, filed February 5, 2013;

U.S. Patent Application No. 13/220,497, filed August 29, 2011, issued as U. S. Patent No. 8,389,495;

U.S. Patent Application No. 11/595,211, filed November 9, 2006, issued as U.S. Patent No. 8,030,285;

U.S. Patent Application No. 09/958,713, filed October 7, 2002;

International Application No. PCT/US00/09839 filed April 12, 2000;

U.S. Provisional Application 60/128,898 filed April 12, 1999;

U.S. Patent Application No. 13/104,918, filed May 10, 2011, issued as U.S. Patent No. 8,227,446;

U.S. Patent Application No. 11/131,672, filed May 17, 2005, issued as U.S. Patent No. 7,960,356;

U.S. Patent Application No. 10/068,160, filed February 6, 2002, issued as U.S. Patent No. 6,977,245; and

European Patent Application No. 00923283.6, which issued as European Patent No. 1176966, and was validated as French Patent No. 1176966, German Patent No. 60047930.7, Ireland Patent No. 1176966, Swiss Patent No. 1176966 and United Kingdom Patent No. 1176966,

which applications and patents are collectively referred to herein as “the Applications and Patents;” and

WHEREAS, in an Assignment, recorded at the U.S. PTO on Reel 010462, Frames 0193-0197 on March 21, 2000 for U.S. Provisional Application 60/128,898, and in Assignments

recorded at the U.S. PTO on Reel 012878, Frames 0034-0037; Reel 012878, Frames 0021-0024; and Reel 014684, Frames 0732-0734, for U.S. Patent Application No. 10/068,160, the inventors assigned full and exclusive rights in and to the inventions described and claimed in the Applications and Patents to **USA-HHS**;

WHEREAS, the inventions described and claimed in the Applications and Patents were made under conditions such as to entitle the **Uniformed Services University of the Health Sciences**, an institution of higher learning within the Department of Defense, a government agency of **THE UNITED STATES OF AMERICA**, whose post office address is 4301 Jones Bridge Road, Bethesda, Maryland [hereinafter **USA-DOD**], by virtue of the inventors listed for U.S. Provisional Application 60/128,898, and under Executive Order 10096 and its amendments, 35 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. Part 501, to an undivided share in the right, title and interest in and to the Applications and Patents; and

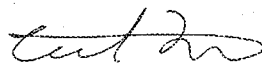
WHEREAS, **USA-DOD** desires to acquire an undivided share in the right, title and interest in and to the Applications and Patents and the inventions covered thereby;

NOW, THEREFORE, **USA-HHS** does hereby assign, transfer and set over unto **USA-DOD** an undivided share in the right, title and interest in and to the Applications and Patents and the inventions covered thereby, and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and any reissue or reissues thereof which may be granted, the same to be partly held and enjoyed by **USA-DOD** (jointly with **USA-HHS**) for their own use and benefit, and for the use and benefit of their successors, assigns, or other legal representatives to the end of the term or terms for which the Applications and Patents are or may be granted or reissued as fully and entirely as the same would have been held and enjoyed solely by **USA-HHS**, if this assignment had not been made; together with all claims for damages by reason of past infringement of the Applications and Patents, with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives.

USA-HHS hereby grants the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements in any country, including the rules of the United States Patent and Trademark Office, for submitting and recording this document. THIS ASSIGNMENT is dated and effective as of the below execution date.

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for patent matters under the authority of the memorandum dated May 21, 1991, from Louis W. Sullivan, the Secretary of the Department of Health and Human Services, delegating the authority to the Heads of the Public Health Service Operating Divisions, thereby delegating authority for USA-HHS to sign THIS ASSIGNMENT to the undersigned individual. The undersigned is therefore authorized to exercise such authority in this matter.

The United States Of America, as
represented by the Secretary,
Department of Health and Human
Services

By:  tedd.fenn@nih.gov
2014.02.24 14:26:25
-05'00'
Name Edward Fenn
Title Licensing & Patenting Manager

STATE OF)
) ss.
COUNTY OF)

This ____ day of _____, 2014, before me personally came the above-signed representative of The United States Of America, as represented by the Secretary, Department of Health and Human Services, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by their own free will for the purpose set forth therein.

Notary Public For
My commission expires:

[SEAL]