PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bruce Torbett	08/25/2008

RECEIVING PARTY DATA

Name:	The Scripps Research Institute	
Street Address:	10550 North Torrey Pines Road	
City:	La Jolla	
State/Country:	CALIFORNIA	
Postal Code:	92037	

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	11116234	
PCT Number:	US0514444	

CORRESPONDENCE DATA

Fax Number: (202)659-9344

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: dhissong@roylance.com

Correspondent Name: Drew Hissong

Address Line 1: 1300 19th St NW, Suite 600

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER: 56550

NAME OF SUBMITTER: Drew Hissong

Total Attachments: 2

source=56550_Torbett_assignment#page1.tif source=56550_Torbett_assignment#page2.tif

OP \$80.00 111

PATENT REEL: 023775 FRAME: 0190

MERCHANT & GOULD, P.C.

ASSIGNMENT OF AN APPLICATION

ATTORNEY DOCKET NO.

70027.0016USU1

FIRST NAMED INVENTOR

William L. WARREN et al.

U.S. APPLICATION SERIAL NO. (If known)

11/116,234

WHEREAS, I/we,				
Bruce Torbett	, residing at	1420 Tres Hermanas Way, Encinitas, California 92024,		
e certain new and useful inventions and improvements for which I/we filed an application for Letters Patent				

made certain new and useful inventions and improvements for which I/we filed an application for Letters Patent of the United States on <u>April 28, 2005</u>, which was assigned U.S. Application Serial Number <u>11/116,234</u>, and for which I/we filed an International Patent Application on <u>April 28, 2005</u>, under the terms of the Patent Cooperation Treaty, which was assigned International Application Serial Number <u>PCT/US05/014444</u>, both of which are entitled:

ARTIFICIAL IMMUNE SYSTEM: METHODS FOR MAKING AND USE

(Title of the Invention)

AND WHEREAS THE SCRIPPS RESEARCH INSTITUTE

, a corporation

having an office and place of business at 10550 North Torrey Pines Road, La Jolla, California 92037 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and applications and in and to any Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee,

PATENT REEL: 023775 FRAME: 0191 U.S. Appln. No. 11/116,234 70027.0016USU1

its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

The undersigned hereby grant(s) the firm Merchant & Gould, P.C. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

DATE

(Signature of Bruce Torbett)