77,056 04-28-1998 U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office **PATENT** OMB 0651-0027 AJR 0 6 1923 100695785 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type X X Assignment **Security Agreement** New Resubmission (Non-Recordation) License Change of Name **Document ID#** Correction of PTO Error Other Merger Reel# Frame # U.S. Government **Corrective Document** (For Use ONLY by U.S. Government Agencies) Reel # Frame # Departmental File Secret File Mark if additional names of conveying parties attached Execution Date Conveying Party(ies) Month Day Year Namo (line 1) CARL H. JUNE 08131995 Name (line 2) Execution Date Second Party Month Day Name (line 1) Name (line 2) **Receiving Party** Mark if additional names of receiving parties attached If document to be recorded Name (line 1) UNITED STATES OF AMERICA AS REPRESENTED BY THE is an assignment and the receiving party is not domiciled in the United Name (line 2) | SECRETARY OF THE NAVY States, an appointment of a domestic Address (line 1) representative is attached. CHIEF OF NAVAL RESEARCH (Office of Counsel) (Designation must be a separate document from Address (line 2) BALLSTON TOWER ONE, 800 NORTH QUINCY ST Assignment.) Address (line 3) ARLINGTON 22217-5660 State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name

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ASSIGNMENT OF INVENTION

WHEREAS, I, Carl H. June of Rockville, Maryland while employed by the Government of the United States of America, hereinafter referred to as the Government, have invented certain new and useful improvements in "Methods for Modulating I cell Responses by Manipulating Signal Transduction" identified as Navy Case No. 77,056 and described in application for Letters Patent of the United States of America executed by me having PCT Patent Application Serial No. PCT/US95/05213 filed 1 May 1995; and

WHEREAS, the Government is destrous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

WHEREAS, the Government was undertaken certain responsibilities under a Cooperative Research and Development Agreement that require the assignment and or licencing of foreign rights,

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right title, and interest in and to said invention within the United States of America its territories and possessions and all foreign countries named in any PCT application filed on this invention, and the entire right, title, and interest in and to said application (foreign and domestic) and any continuation, division or substitution thereof, and such Letters Patents as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I do hereby also grant unto the Government, the entire right, title, and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States of America in which the Government or any CRADA partner acting in the interests of the Government, may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration. I agree that any license or assignment to a CRADA partner is subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may Issue on said invention in any foreign country, including the power to issue sub-licenses for use on behalf of the Government and or/ in furtherance of the foreign policies of the Government.

I (M) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application(s) (foreign and domestic) and of any continuations, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expenses arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I have set my (our) hand(s) and affixed my (our) seal(s).

8/31/95 (date) Carl H. June (signature) SEAL

Assignment , Foreign Rights Taken for CRADA

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