FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

9-13-01

08-20-2001  **U.S. Department of Commerce** 'atent and Trademark Office **PATENT** 

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Name (line 1) Dewan, Edmond M. 07052001					
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Domestic Representative Name and Address  Enter for the first Receiving Party only.					
Name JULIAN L. SIEGEL '					
Address (line 1) ESC/JAZ					
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Assistance:

FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspond	ent Name and Address	Area Code and Telephone Number (78)	1) 377-4072	
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Address (line 4)	HANSCOM AFB, MA 01731-	2903		
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Application Number(s) or Patent Number of the Patent Number (DO NOT ENTER BOTH numbers of the same property).  Patent Application Number(s) Patent Number(s)  09/907877 Patent Number(s)  If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.  Patent Cooperation Treaty (PCT)  Enter PCT application number of properties involved # 1  Number of Properties  Enter the total number of properties involved # 1				
	Enter the total	al number of properties involved. # 1		
Fee Amount	Lee Villogiit it	or Properties Listed (37 CFR 3.41): \$ 40		
Deposit		tional fees can be charged to the account.)	01-0465	
		uthorization to charge additional fees: Yes	X No	
Statement a	nd Signature			

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

JULIAN L. SIEGEL

Name of Person Signing

Signature

8 August 2001

Date

Application Serial No. 09/907.877 Filed: 13 July 2001

AFB00575

## ASSIGNMENT (SOLE-EXECUTIVE ORDER)

WHEREAS, I, Edmond M. Dewan, while employed by the Government of the United States, made an invention entitled PROCEDURES TO PREVENT ALZHEIMER'S OR ENHANCE RECOVERY FROM BRAIN DAMAGE BY USE OF PROCEDURES THAT ENHANCE REM SLEEP and described in application for Letters Patent of the United States executed by me on or about the  $\frac{5^{-7h}}{4}$  day of  $\frac{7ULY}{4}$ , 2001;

WHEREAS, the conditions under which said 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;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Edmond M. Dewan, the inventor, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, my entire right, title and interest throughout the United States of America, its territories and dependencies, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of my entire right, title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this assignment not been made; and I do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, the option to take all of the right, title and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in my invention, or applications for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries within six months of the filing date of any application for United States Letters Patent covering my invention, or within six months from the declassification of my invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary for the preparation and filing of such domestic applications, or for the Government to exercise its option granted hereunder, except that I shall not be subject to any out-of-pocket expense relative to such action.

Inventor Edmond M. Dewan
Edmond M. Dewan

PATENT REEL: 012074 FRAME: 0014

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STATE OF: //a55	
COUNTY OF: MIddingex	_



RECORDED: 08/13/2001

Notary Public

PATENT REEL: 012074 FRAME: 0015