04-25-2001



Mark Homer, Reg. No. 41,848 Name of Person Signing

ECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

101690682 Patents and Trademarks; Please record the attached original documents or copy thereof. 0/2. Name and address of receiving party(ies) 1. Name of conveying party(ies): The United States of America as Michael L. Greene Name: represented by the Secretary of the Samuel J. DeVane Jacob Tallman Internal Address: Chief of Naval Research Additional name(s) of conveying party(ies) atta OFFICE OF COUNSEL (ATTEN: CODE OOCCIP) 3. Nature of conveyance: Street Address: BALLSTON TOWER ONE XX Assignment □ Merger 800 NORTH QUINCY STREET ☐ Security Agreement ☐ Change of Name State: VA Other _____ Execution Date: ____ Additional name(s) & address(es) attached? □ Yes 🛱 No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is B. Patent No.(s) A. Patent Application No.(s) 09/814,483 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Office of Counsel, Code 0C4 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: Naval Surface Warfare Center Enclosed Indian Head Division Authorized to be charged to deposit account Street Address: 101 Strauss Ave, Bldg. D326 8. Deposit account number: 50-1114 City: Indian Head State: MD / ZIP: 20640 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and 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.

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT OF INVENTION

WHEREAS we, Michael L. Greene of Fort Washington, MD, Samuel J. DeVane of Nanjemoy, MD, and Jacob Tallman, of
Indian Head, MD, while employed by the Government of the United States of America, hereinafter referred to as the Government,
have made an invention entitled LOW COST, HIGH STRENGTH ROBOTIC ARM identified as Navy Case No. 79,541 and described
in application for Letters Patent of the United States of America as executed by us on
3/20, 2001; 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, the Government desires to obtain the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, we 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 the entire right, title, and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent 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 us had this assignment not been made.

We do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to us within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

WE 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 and any continuation, 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 expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, we have set our hands and affixed our seals.

March 20, 2001	Michael L. Freene Signature
Date	Signature
March 20, 2001	Samuel J. DeVane Signature
Date	Signature
<u>March 20, 2001</u> Date	Signature Dallman

PATENT RECORDED: 04/10/2001 REEL: 011707 FRAME: 0018