Form PTO-1595 (Rev. 03/05) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FORM COVER SHEET			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
Name of conveying party(ies) Richard Wartman	2. Name and address of receiving party(ies)		
Eric Bower Paul Gardetto	Name: United States of America as Represented by the		
Charles Vacchlano Kenneth Sausen	Internal Address: Secrectrary of the Navy		
Additional name(s) of conveying party(ies) attached? Yes 🗸 N			
3. Nature of conveyance/Execution Date(s):	Street Address: Office of Naval Research		
Execution Date(s) 11/24/02;11/26/02; 2/5/02; 2/9/02;	800 North Quincy Street		
Assignment Merger	OND MOUNT CORRECT STREET		
Security Agreement Change of Name	City: Arlington		
Joint Research Agreement	State: Virginia		
Government Interest Assignment			
Executive Order 9424, Confirmatory License	Country: US Zip: 22217		
Other	Additional name(s) & address(es) attached? Yes No		
4. Application or patent number(s): This document is being filed together with a new application.			
A. Patent Application No.(s) 6,871,645	B. Patent No.(s)		
-10-110-110-110-110-110-110-110-110-110			
Additional numbers attached? Yes V No			
5. Name and address to whom correspondence	6. Total number of applications and patents		
concerning document should be mailed:	involved:_1		
Name:Joseph K. Hemby, Jr.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Naval Medical Research Center	Authorized to be charged by credit card		
Code OOL	Authorized to be charged to deposit account		
Street Address: 503 Robert Grant Avenue	Enclosed		
	None required (government interest not affecting title)		
City: Silver Spring	8. Payment Information		
State: Maryland Zip: 20910	a. Credit Card Last 4 Numbers		
Phone Number: 301-319-7429	Expiration Date		
Fax Number: <u>301-319-7432</u>	b. Deposit Account Number <u>14-0595</u>		
Email Address: hembyl@nmrc.navy.mil	Authorized User Name		
9. Signature:			
Signature			
Philip E. Ketner	Total number of pages including cover		
Name of Person Signing	sheet, attachments, and documents:		

Documents to be recorded (including cover sheet) should be faxed to (703) 306-6985, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Appl, Serial No. 10/244,003

ASSIGNMENT OF INVENTION

WHEREAS, I (we) Richard Wartman, Michael Stiney, Eric Bower, Charles Vacchiano, Paul Gardetto, and Kenneth Squsen of Pensacola, FL, Pensacola, FL, Pensacola, FL, Gulf Broeze, FL, Yorktown, VA and Arlington, TN respectively white employed by the Government of the United States of America, hereingiter referred to as the Government, have invented certain new and useful improvements in REDUCED OXYGEN BREATHING DEVICE Identified as Navy Case No 82,458 and described in application for Letters Patent of the United States of America executed by me (us) on 16 September 2002, having United States Patent Application Serial No. 10/244,003 filed 16 September 2002; and

WHEREAS, the Government is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herain 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;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I (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 Patents as may issue there from and sity relissue 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 (us) had this assignment not been made.

I (we) do hereby also grant unto the Government, the option to take 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 may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the Invention, or applications or other forms of protection thereon, shall have force and effect only as to foreign countries in which an application or other form of protection is filed, or which are designated in a Patent Cooperation Treaty application filed within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me (us) subject to a nonexclusive, inevocable, 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 in behalf of the Government and or/ in furtherance of the foreign policies of the Government.

I (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 presecution of the application 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 (we) have set my (our) hand(s) and affixed my (our) seal(s).

9 Dr. Oo (date) (signature) SEAL

RICHARD WARTMAN (signature) SEAL

12 Da O2 (date) (signature) SEAL

ERIC BOWER

Seal (signature) SEAL

CHARLES VACCHIANO (signature) SEAL

CHARLES VACCHIANO (signature) SEAL

CHARLES VACCHIANO (signature) SEAL

(date) (signature) SEAL

KENNETH SAUSEN

Standard Assignment , Foreign Rights Option

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Appl. Serial No. 10/244,003

ASSIGNMENT OF INVENTION

WHEREAS, I (we) Richard Wartman, Michael Stiney, Eric Bower, Charles Vecchiano, Paul Gardotte, and Konnoth Sausen of Persecole, FL, Persecole, FL, Persecole, FL, Guif Breeze, FL, Yorktown, VA and Arington, TN respectively while employed by the Government of the United States of America, herefured to as the Government, have invented carbon now and useful improvements in REDUCED OXYGEN BREATHING DEVICE identified as Nevy Case No 82,458 and described in application for Lotters Petent of the United States of America executed by the (us) on 15 September 2002, having United States Petent Application Social No. 10/244,003 filed 16 September 2002; and

WHEREAS, the Government is desirous of acquiring on exaignment of the invention disclosed in sold 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 10095, to the entire right, title, and interest therein, including foreign rights; and

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

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

NOW, THEREFORE, in consideration of the promises and other good and valuable consideration the receipt of which is hereby archometiped, if (wa) hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right little, and interest in and to said application and any continuation, division or substitution that United States of America is tenturises and possessions, and the order sight, title, and interest in and to said application and any continuation, division or substitution and interest, and invertion, 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 form for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this assignment not been nade.

I (we) do hereby also grant unto the Government, the option to take 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 Linked States of America in which the Government may file, or cause to be filed, applications for Letters Patent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to foreign countries in which on application or other form of protection is filed, or which are designated in a Patent Cooperation Treaty application filed within eight months of the filing date of any application for United States Latters Param covering the invention, or within eight months from the declaratification of the invention, whichever is later, and that all foreign rights not exercised under the option are both to the (us) subject to a construction which may issue an sold invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and orf in furtherency of the invention of the Government.

I (We) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, attitements, or other instruments that may be not assumed in the prosecution of the application and of any continuations, division or attended on the application for release or extension of said Letters Petent, and to esset the Government in every way in protecting the invention as may be requested, provided that any expenses entire through such efforts will be peid by the Government.

(date) (signature) SEAL RICHARD WARTMAN (date) (signature) SEAL MICHAEL STINEY (dele) (Elgnature) SEAL ERIC BOWER (date) (signetury) SEAL CHARLES VACCHIANO (date) (signatura) SEAL PAUL GARDETTO 26 Novez (data) (signature) SEAL,

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PATENT REEL: 015991 FRAME: 0486

Appl. Serial No. 10/244,003

ASSIGNMENT OF INVENTION

WHEREAS, I (we) Richard Werlman, Michael Stinoy, Eric Bower, Charles Vacchiano, Paul Gerdelto, and Kenneth Sausen of Pensacola, FL, Paristicola, FL, Pansacola, FL, Gulf Bracce, FL, Yorktown, VA and Arington, TN respectively white employed by the Government of the United States of America, hereinfalter referred to as the Government, have Invented certain new and useful improvements in REDUCED DXYGEN BREATHING DEVICE identified as Navy Case No. 12,458 and described in application for Letters Patent of the United States of America executed by the (us) on 16 September 2002, having United States Patent Application Serial No. 10/244,003 filed 16 September 2002; and

WHEREAS, the Government is desirous of acquiring an assignment of the invention displaced in said application and other rights and benefits hereifs and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10005, to the entire right, filte, and interest therein, including foreign rights and

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

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I well hereby assign and transfer to the United States of America at represented by the Secretary of the Newy the endre right title, and interest in and to said invention filling the United States of America is territories and possessions, and the entre right, title, and interest in and a splication and any relation of a said application and any continuous, division or subdigition thereof, and such Letters Patents as may issue there from and any relates of America, splication and Letters Patent to be held by the States of America as represented by the Secretary of the Nevy to the end of the term for which said Leders Patent may be granted, as fully and entirely as the sain would have been held by me (us) had this assignment not been made.

(we) do hereby also grant unto the Government, the option to take the entire right, title, and interest in the invention end all patent applications or other forms of protection thereon in all countries fareign to the United States of America in which the Government may file, or cause to be filed, applications for Letters lighent or other forms of protection, without payment of any consideration; provided, however, that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to fereign examines in which an application or other form of protection is filed, or which are designated in a Patent Cooperation Treaty application that within eight months from the declaration filed within eight months from the declaration of the invention, whichever is later, and that all foreign rights not exercised under the option are left to go (us) subject to a nonexclusive, irreversible, royally-froe license to the Government in any patent or other form of protection which may issue on said known in any rightion country, including the power to take sub-licenses for use in behalf of the Government and on in furtherance of the foreign policies of the Government.

I (We) hereby further agree to make, execute, anti deliver in the Government, any and all papers, documents, affidevits, statements, or other insufficient that may be necessary in the presecution of the application and of any continuations, division or substitution of the application, or any application for extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expanses that through such efforts will be paid by the Government.

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

(deta)		(signature) SEAL
	RICHARD WARTMAN	
(date)	MICHAEL STINEY	(signature) SEAL
	MICRAEL STINET	ı
(dale)	ERIC BOWER	(signature) SEAL
(4-4-)	- ·	
(date)	CHARLES VACCHIANO	(signature) SEAL
<u>2 YNav O2 (</u> data)	PAUL GARDETTO	(signeture) SEAL
(date)	KENNETH SAUSEN	(signature) SEAL

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