63850

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PATENT ASSIGNMENT

Electronic Version v08 Stylesheet Version v02

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|-----------------------------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT OF ASSIGNOR'S INTEREST |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Jason Barron | 2004-05-27 |
| Bradley R Ringeisen | 2004-05-27 |
| Heungsoo Kim | 2004-05-27 |
| Peter Wu | 2004-05-29 |

RECEIVING PARTY DATA

| Name | Street Address | Internal Address | City | State/Country | Postal Code |
|---------------|-----------------|--------------------|-----------|---------------|----------------|
| llAmerica, as | Office of Naval | One Liberty Center | Arlington | VA | 22203 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|--------------------|----------|
| Application Number | 10863850 |

CORRESPONDENCE DATA

FAX NUMBER: (202) 404-7380

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

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 26384

| NAME OF PERSON SIGNING: | Joseph T. Grunkemeyer |
|-------------------------|-----------------------|
| DATE SIGNED: | 2006-03-31 |

Total Attachments: 4

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NO. 6331 P. 5/6

Navy Case No. 84,621 Page 1 of 1

ASSIGNMENT

WHEREAS, I/No. Jason Barron and Bradley R. Ringelson, both of Alexandria, VA, while employed by the dovernment of the United States, have invented certain new and useful improvements in "BIOLEGICAL:LANGERFRING VIA REDUNCTINGTON MOMATRIAL EXTENDED", identified as Navy Case So. 84,521 and described in application for Letters Patent of the United States of America executed by us; and:

WHERMAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous 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;

MOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is bereby acknowledged. I hereby assign and transfer to the Government 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 extendions thereof, said invention, application and Letters Fatent to be held by the Government to the end of the term for which said Letters Patent not be granted, as fully and entirely as the same would have been held by me 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 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 such applications for which a decision to file in foreign countries to made 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 subject to a numerical revealed, irrevocable, royalty-first license to the Covernment 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, pratements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, for release or extension of said Letters Pacont, and to assist the Covernment 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 TESTIMENTY NMEREOF, I/We bays set my band and effixed my seal.

JOHON BATTON

DATE: 5-27-04

Bradley R. Ringsisen

DATE:

Navy Case No. 84,621 Page 1 of 1

ASSIGNMENT

WHEREAS, I/We, Jason Sarron and Bredley R. Ringelsen, both of Alexandria, VA, while employed by the Government of the United States, have invented certain new and useful improvements in "REGLOGICALLASER FEBRUARY VIA INDIRECT PHOTON-REGMATERIAL INTERACTIONS", identified as Navy Case No. 84,621 and described in application for Letters Patent of the United States of America executed by us; and:

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits berein 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 promises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government the entire right, title and interest in and to eaid 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 Government 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/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 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 such applications for which a decision to file in foreign countries is made 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 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 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 prosecution of the application and of 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, I/We have set my hand and affixed my sest.

| Jason Barron | DATE: |
|--------------------|---------------|
| foodby h himselsen | DATE: 5(27)04 |

PATENT REEL: 017399 FRAME: 0918

Fax Server

Navy Case No. 84,621 Page 1 of 1

ASSIGNMENT

WHEREAS, I/We, Paper Mu, of Aphland, OR, while working as a subcontractor of the Government of the United States, have invented certain new and usaful improvements in "ENOLOGICAL ASER FRONTING WA INDIRECT PROTON-ROMATEMAL ENTERACTIONS", identified as Many Case No. 84,621 and described in application for Letters Patent of the United States of America executed by us; and;

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous 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;

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 Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire sight, 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 relegue or extensions thereof, said invention, application and Detters Patent to be held by the Government 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/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 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 such applications for which a decision to file in foreign countries is made within eight months of the filing date of any application for United States Letters Fatent 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 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 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 prosecution of the application and of any continuation, division or substitution of the application, or any application for release or extension of said Letters Satent, 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 dovernment.

IN TESTIMONY WHEREOF, I/We have set my hand and affixed my seal.

DATE:

5/29/04

Peter Wu

PATENT REEL: 017399 FRAME: 0919

(Seal)

Assignment

| nventor(s) (Name) | Continuen | TON-BIOMATERIAI | |
|---|--|--|---|
| | SFA, Inc. | • | |
| | Contract No. | | Government Agency |
| | N00173-00-C-207 | 8 | NRL |
| * · D | Contractor Investigan | locket No. | Agestay Decket No. |
| Jason Baron Bradley R. Ringeisen | | | NC 84,621 |
| Heungsoo Kim Pet er Wu | Date Executed | Scriel Ne | 78ing Dam 06/06/2003 |
| The Inventor(s) further agrees (| (\ | | |
| y furnishing any available information by be reasonably necessary to make this. The Contractor Joins in and agree a license relinquishes and assigns at press to furnish to the United States of cessary for the presecution of the ebottlement of interferences), and any superior application of | and documents, and agreement effectives to the foregoin if right, title and if America, upon rec we-identified appli betitution, divisio | by performing all acress assignment, and exc interest in and to west, any evallable cation for petent (); h, continuation in-p | est and doing all things when the same reserva- und invention, and further information and documents actualing presecution and sart, or continuation of a |
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| r furnishing any available information by be reasonably necessary to make this The Contractor Joins in and agre a license relinquishes and assigns at press to furnish to the United States of cessary for the presention of the abo- ctionent of interferences), and any su | and documents, and agreement effectives to the foregoin if right, title and if America, upon rec we-identified appli betitution, divisio | by performing all acre. assignment, and excinterest in and to a peat, any svallable cation for patent (5) on, continuation in-patent resulting from | te and doing all things we tept for the above reserva- uch invention, and further information and documents netwiding prosecution and sart, or continuation of a such patent application. |
| furnishing any available information by be reasonably necessary to make this. The Contractor Joins in and agre a license relinquishes and assigns alrees to furnish to the United States occasary for the prosecution of the ebottiement of interferences), and any suttent application and any application f | and documents, and agreement effectives to the foregoin if right, title and if America, upon rec we-identified appli betitution, divisio | by performing all acre. assignment, and excinterest in and to a peat, any svallable cation for patent (5) on, continuation in-patent resulting from | tes and doing all things we test for the above reserva- uch invention, and further infermation and documents naturally prosecution and sart, or continuation of a such patent application. |
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RECORDED: 03/31/2006 REEL: 017399 FRAME: 0920