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PATENT	S ONLY			
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1. Name of conveying party(ies)	Name and address of receiving party(ies)			
David Stenger	Name: The U.S.A. as represented by the Secretary of the Navy			
Jennifer Thornton	Internal Address: Chief of Naval Research			
Additional name(s) of conveying party(ies) attached? Yes 🗹 No	Office of Counsel (ATTN: CODE OOCCIP)			
3. Nature of conveyance/Execution Date(s):	Street Address: Ballston Tower One			
Execution Date(s) 6/28/05 & 6/30/05	800 North Quincy Street			
Assignment Merger	City: Arlington			
Joint Research Agreement	State: VA			
Government Interest Assignment				
Executive Order 9424, Confirmatory License	Country:Zip:22217			
Other	Additional name(s) & address(es) attached? 🗌 Yes 🗹 No			
11/177,647 NC# 96,744 Additional numbers at	ached? Yes 🗸 No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Associate Counsel (PATENTS)	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Naval Research Laboratory	Authorized to be charged by credit card			
(ATTN: CODE 1008.2)	Authorized to be charged to deposit account			
Street Address: 4555 Overlook Avenue, SW	Enclosed None required (government interest not affecting title)			
City: Washington	8. Payment Information			
State: DC Zip:20375	a. Credit Card Last 4 Numbers Expiration Date			
Phone Number:				
Fax Number:	b. Deposit Account Number <u>50-0281</u>			
Email Address:	Authorized User Name Naval Research Laboratory			
9. Signature:	9/2 5/05			
Signature	Date			
John J. Karasek	Total number of pages including cover 2 sheet, attachments, and documents:			
Name of Person Signing	et) should be faxed to (703) 306-5995, or mailed to:			

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandría, V.A. 22313-1450

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Assignment

Avenue(1) (Neme)	Corrector NOVA Research			
	Contract No.		Government Agency NRL	
	N00173-03-C-203			
	Contractor Invention Docket No.		Ageoncy Ducket No.	
			96,744	
David Stenger	Date Exercited	Scriel No	Filing Date	
Jennifer Thornton Thornton	1		September 15,20	

The undersigned inventor(s), in recognition of his (their) obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligation of the Contracter to the Government under the above contract, hereby assigns (assign) to the United States of America, subject to a nonexclusive and royalty-free license which is hereby reserved to the Contractor, all rights, tille and interest in and to each invention disclosed and claimed in the above U.S. patent application and any forlegn patent application that corresponds thereto.

The license reserved to the Contractor shall extend to all existing and future associated and affiliated companies, if any within the corporate structure of which the Contractor is a part and shall be assignable to the successor of that part of the Contractor's business to which such invention pertains.

The inventor(s) further agrees (agree) to assist the Contractor, and the Government, upon request, by furnishing any available information and documents, and by performing all acts and doing all things which may be reasonably necessary to make this agreement effective.

The Contractor joins in and agrees to the foregoing assignment, and except for the above reservation of a License relinquishes and assigns att right, title and interest in and to such invention, and further agrees to furnish to the United States of America, upon request, any available information and documents necessary for the prosecution of the above-identified application for petent (including prosecution and settlement of interferences), and any substitution, division, continuation-in-part, or continuation of such petent application and any application for reissue of any patent resulting from such patent application.

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Date

Jennifer Thorton	-Jennifer	Thornton
·	Inventer	

inventor

Inventor

Signed This _____ Day of

Attest:

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PATENT REEL: 016897 FRAME: 0479

Page 1 of 1

Navy Case No. 96,744

WHEREAS, I/We, David Stenger of Herndon, VA, while employed by the Government of the United States, have invented certain new and useful improvements in "COMPUTER-IMPLEMENTED BIOLOGICAL SEQUENCE INDENTIFIER SYSTEM AND METHOD", identified as Navy Case No. 96,744 and described in application for Letters Patent of the United States of America executed by us; and:

ASSIGNMENT

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 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 seal.

d A. Sterr

DATE: 6-30-2005

PATENT REEL: 016897 FRAME: 0480

RECORDED: 10/17/2005