

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ilya G. Lyakhov	03/19/2008
RECEIVING PARTY DATA	
Name:	The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services
Street Address:	6011 Executive Boulevard
Internal Address:	National Institutes of Health, Office of Technology Transfer, Suite 325
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20852
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	60749729
Application Number:	60749858
PCT Number:	US0647456
PCT Number:	US0647534
Application Number:	11638160
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CH \$200.00 60749729

ATTORNEY DOCKET NUMBER:

4239-62263-09

NAME OF SUBMITTER:

Sheree Lynn Rybak, Ph.D.

Total Attachments: 2

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ADDENDUM TO ASSIGNMENTS

WHEREAS, I, **ILYA G. LYAKHOV** previously assigned to **THE UNITED STATES OF AMERICA**, as represented by the Secretary, Department of Health and Human Services [hereinafter **THE GOVERNMENT**] my rights in certain inventions as described and claimed in the following patent applications:

- (1) U.S. Provisional Patent Application No. 60/749,729, filed on December 12, 2005, entitled **PROBE FOR NUCLEIC ACID SEQUENCING AND METHODS OF USE**;
- (2) U.S. Provisional Patent Application No. 60/749,858, filed on December 12, 2005, entitled **NANOPROBES FOR DETECTION OR MODIFICATION OF MOLECULES**;
- (3) International Patent Application No. PCT/US2006/047456, filed on December 12, 2006, entitled **NANOPROBES FOR DETECTION OR MODIFICATION OF MOLECULES**;
- (4) International Patent Application No. PCT/US2006/047534, filed on December 12, 2006, entitled **PROBE FOR NUCLEIC ACID SEQUENCING AND METHODS OF USE**; and
- (5) U.S. Patent Application No. 11/638,160 filed on December 12, 2006, entitled **NANOPROBES FOR DETECTION OR MODIFICATION OF MOLECULES**;

all five of which applications are collectively referred to herein as the "**PATENT APPLICATIONS**".

WHEREAS, I as a co-inventor named in the above-identified **PATENT APPLICATIONS** previously assigned my rights in the **PATENT APPLICATIONS** to **THE GOVERNMENT** as follows:

- (1) the assignment for U.S. Provisional Patent Application No. 60/749,729 was signed by me on January 20, 2006 and was recorded with the United States Patent and Trademark Office (PTO) on Reel 017053, Frames 0670-0674, on January 24, 2006;
- (2) the assignment for U.S. Provisional Patent Application No. 60/749,858 was signed by me on January 20, 2006 and was recorded with the PTO on Reel 017053, Frames 0587-0591, on January 24, 2006;
- (3) the assignment for International Patent Application Nos. PCT/US2006/047456 and PCT/US2006/047534; and U.S. Patent Application No. 11/638,160 was signed by me on February 5, 2007 and was recorded with the PTO on Reel 018881, Frames 0844-849, on February 12, 2007;

all three of which assignments are collectively referred to herein as the "**ASSIGNMENTS**".

WHEREAS, the **ASSIGNMENTS** incorrectly stated that I was employed by the Department of Health and Human Services at the time of the invention;

WHEREAS, I want to clarify that at the time of the invention I was an employee of SAIC-Frederick, Inc., a subsidiary of Science Applications International Inc., a Delaware corporation having a principal place of business at 1050 Boyles Street, Bldg 428, Frederick, MD 21702-1201;

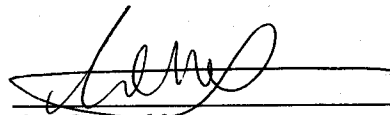
WHEREAS, the inventions described and claimed in the **PATENT APPLICATIONS** were made under conditions such as to entitle **THE GOVERNMENT** under one or more of Executive Order 10096 and its amendments, 35 USC §§200-202, §§206-§207, and §210 and 37 CFR Part 501 and 37 Part 401 to my entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT has previously acquired all my domestic and foreign right, title, and interest in the inventions described and claimed in the **PATENT APPLICATIONS** via the **ASSIGNMENTS**;

NOW, THEREFORE, I confirm that I was an employee of SAIC-Frederick, Inc. at the time of the invention and thus at the time of the invention had the legal obligation to assign my right, title and interest in the inventions described and claimed in the **PATENT APPLICATIONS** to **THE GOVERNMENT** for consideration, the receipt and sufficiency of which are hereby acknowledged, and I confirm I did assign and transfer my rights in the **PATENT APPLICATIONS** to **THE GOVERNMENT** via **THE ASSIGNMENTS**.

IN TESTIMONY WHEREOF, Ilya G. Lyakhov has signed his name on the date indicated.

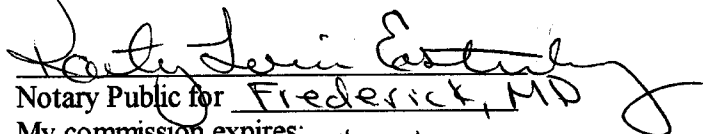
Dated: 03/19/2008



Ilya G. Lyakhov

STATE OF Maryland)
) ss.
COUNTY OF Frederick)

This 19 day of March, 2008, before me personally came the above-named Ilya G. Lyakhov, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.


Notary Public for Frederick, MD
My commission expires: 6/12/2011

