

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Alexei Toutchkine	01/10/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Scripps Research Institute
<b>Street Address:</b>	10550 North Torrey Pines Rd
<b>City:</b>	La Jolla
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92037
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11079907
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<b>ATTORNEY DOCKET NUMBER:</b>	1361.044US1
<b>NAME OF SUBMITTER:</b>	Robin A. Chadwick
<b>Total Attachments: 3</b> source=1361-044us1_assn#page1.tif source=1361-044us1_assn#page2.tif source=1361-044us1_assn#page3.tif	

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RECORDATION FORM COVER SHEET  
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Atty Ref/Docket No.: 1361.044US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Alexei Toutchkine**

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: **The Scripps Research Institute**

Street Address: 10550 North Torrey Pines Rd

City: La Jolla State: CA Zip: 92037

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other

Execution Date: January 10, 2008

4. 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:  
December 20, 2007

A. Patent Application No.(s)

**Serial No. 11/079,907, filed March 14, 2005**

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robin A. Chadwick

Address:

Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account  
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

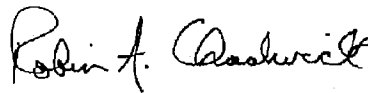
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9. Statement and signature.

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.

Robin A. Chadwick/Reg. No. 36,477

Name of Person Signing



Signature

October 9, 2008

Date

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

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**Mail Stop Assignment Recordation Services**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**PATENT**  
**REEL: 021660 FRAME: 0393**

## ASSIGNMENT

WHEREAS, I, Alexei Touchkine, residing at 8 Crosby Street, Arlington, MA 02474, made certain new and useful inventions and improvements for which I have filed the following applications:

- 1) U.S. Patent Application Serial No. 11/079,907 filed March 14, 2005, entitled "LIVE CELL BIOSENSORS";
- 2) European Patent Application Serial No. 05753652.6 filed March 14, 2005, entitled "FLUORESCENT SIGNAL EMITTING LIVE CELL BIOSENSOR MOLECULES AND DYES FOR DETECTION AND QUANTIFICATION OF PROTEIN ACTIVITIES"; and
- 3) Japanese Patent Application Serial No. 2007-503107 filed March 14, 2005, entitled "FLUORESCENT SIGNAL EMITTING LIVE CELL BIOSENSOR MOLECULES AND DYES FOR DETECTION AND QUANTIFICATION OF PROTEIN ACTIVITIES."

AND WHEREAS, The Scripps Research Institute, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 10550 North Torrey Pines Rd., La Jolla, CA 92037 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

