PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alexei Toutchkine	01/10/2008

RECEIVING PARTY DATA

Name:	The Scripps Research Institute	
Street Address:	10550 North Torrey Pines Rd	
City:	La Jolla	
State/Country:	CALIFORNIA	
Postal Code:	92037	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11079907

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ATTORNEY DOCKET NUMBER:	1361.044US1

Robin A. Chadwick

Total Attachments: 3

500671577

NAME OF SUBMITTER:

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PATENT REEL: 021660 FRAME: 0392

$\begin{array}{cc} \text{RECORDATION FORM COVER SHEET} \\ \textbf{PATENTS} & \textbf{ONLY} \end{array}$

Atty Ref/Docket No.: 1361.044US1	Patent and Trademark Office
To the Director of the U.S. Patent and Trademark Office: Ple	ease record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Alexei Toutchkine	Name: The Scripps Research Institute
Additional name(s) of conveying party(ies) attached?	Street Address: 10550 North Torrey Pines Rd
[]Yes [X]No	City: <u>La Jolla</u> State: <u>CA</u> Zip: <u>92037</u>
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	
Execution Date: <u>January 10, 2008</u>	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application December 20, 2007	n, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 11/079,907, filed March 14, 2005	
Additional numbers attached? []Yes [X]No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Name: Robin A. Chadwick	[]Enclosed
Address: Schwegman, Lundberg & Woessner, P.A.	[X]Authorized to be charged to deposit account 19-0743
P.O. Box 2938 Minneapolis, MN 55402-0938	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743
DO NOT USI	E THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing inform of the original document.	nation is true and correct and any attached copy is a true copy
Robin A. Chadwick/Reg. No. 36,477 Name of Person Signing	Coolwel October 9, 2008
	Signature Date
101	tal number of pages including cover sheet: 3
Mail documents to be recorded with required cover sheet info	ormation to:
Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services	

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 021660 FRAME: 0393

ASSIGNMENT

WHEREAS, I, <u>Alexei Toutchkine</u>, residing at <u>8 Crosby Street</u>, <u>Arlington</u>, <u>MA 02474</u>, 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, <u>The Scripps Research Institute</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>California</u>, and having an office and place of business at <u>10550 North Torrey Pines Rd</u>, <u>La Jolla</u>, <u>CA 92037</u> (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.

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AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WE	IEREOF, I have hereunto set my hand this 10 day of
	ATuchkin
STATE OF Massicellis	Alexei Toutchkine
COUNTY OF Middle se	ae(
Toutchkine, to me known and known	Town 200 before me personally appeared Alexei wn to me to be the person described in and who executed the foregoing
instrument, and he/she duly acknown therein set forth.	wledged to me that he/she executed the same for the uses and purposes
ISEAL TO RUZANNA POGHOSYAN NOTARY PUBLIC	Notary Public
MY COMMISSION EXPIRES 08/15/2014	

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RECORDED: 10/09/2008