

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John Lee SPUDICH</td> <td>05/08/2012</td> </tr> <tr> <td>Elena G. GOVORUNOVA</td> <td>05/08/2012</td> </tr> <tr> <td>Oleg A. SINESHCHEKOV</td> <td>05/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	John Lee SPUDICH	05/08/2012	Elena G. GOVORUNOVA	05/08/2012	Oleg A. SINESHCHEKOV	05/08/2012		
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<table border="1"> <tr> <td>Name:</td> <td>BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM</td> </tr> <tr> <td>Street Address:</td> <td>201 West 7th Street</td> </tr> <tr> <td>City:</td> <td>Austin</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>78701</td> </tr> </table>		Name:	BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	Street Address:	201 West 7th Street	City:	Austin	State/Country:	TEXAS	Postal Code:	78701
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CORRESPONDENCE DATA											
<p>Fax Number: (713)238-8008</p> <p>Email: smcdonald@conleyrose.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: CONLEY ROSE, P.C. / Jonathan M. Harris</p> <p>Address Line 1: P.O. BOX 3267</p> <p>Address Line 4: Houston, TEXAS 77253-3267</p>											
ATTORNEY DOCKET NUMBER:	2105-08701										
NAME OF SUBMITTER:	Jonathan M. Harris										
<p>Total Attachments: 5</p> <p>source=2012_05_16_ASSIGNMENT#page1.tif</p> <p>source=2012_05_16_ASSIGNMENT#page2.tif</p> <p>source=2012_05_16_ASSIGNMENT#page3.tif</p> <p>source=2012_05_16_ASSIGNMENT#page4.tif</p> <p>source=2012_05_16_ASSIGNMENT#page5.tif</p>											

CH \$40.00 13420352

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We, **John Lee SPUDICH, Elena G. GOVORUNOVA, and Oleg A. SINESHCHEKOV** ("ASSIGNORS"), having made an invention in **RED-SHIFTED CHANNELRHODOPSINS**, while in the employ either as an employee or consultant of **BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM**, doing business at 201 West 7th Street, Austin, Texas U.S.A. 78701, a non-profit organization organized and existing under the laws of the State of Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to the **BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **MChRI, A NEW RED SHIFTED CHANNELRHODOPSIN** ("INVENTION"), University Ref. No. 2011-0037;
2. United States of America provisional patent application on said invention, Application No. 61/452,513 filed March 14, 2011, entitled **RED-SHIFTED CHANNELRHODOPSINS**;
3. United States of America patent application on said invention, Application No. 13/420,352 filed March 14, 2012, Attorney's File No. 2105-08701, entitled **RED-SHIFTED CHANNELRHODOPSINS**;
4. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any non-provisional U.S. application, PCT application, or any other patent application based on this invention, whether in the United States of America or any other place anywhere in the world.
5. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

6. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like, of any said application and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
7. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
8. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
9. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNORS

Date: 5/3/2012

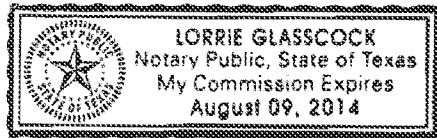
John Lee Spudich
John Lee SPUDICH

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **John Lee SPUDICH**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 8th day of May, 2012.

[SEAL]



My Commission Expires:

Aug. 9, 2014

Lorrie Glasscock
Notary Public in and for
the State of T E X A S

EXECUTED on the date indicated below, opposite my signature.

Date: 5/3/2012

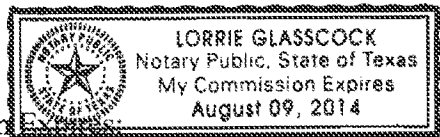
Oleg A. Sineshchikov
Oleg A. SINESHCHEKOV

THE STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Oleg A. SINESHCHEKOV**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 8th day of May, 2012.

[SEAL]



My Commission Expires: Aug 9, 2014

Lorrie Glasscock
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EXECUTED on the date indicated below, opposite my signature.

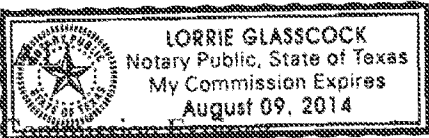
Date: 5/8/2012

E. G.
Elena G. GOVORUNOVA

THE STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared **Elena G. GOVORUNOVA**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 8th day of May, 2012.

[S]  My Commission Expires
LORRIE GLASSCOCK
Notary Public, State of Texas
My Commission Expires
August 09, 2014

Lorrie Glasscock
Notary Public in and for
the State of TEXAS

Aug. 9, 2014
