

## 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>SERGEY LUKYANOV</td><td>09/10/2002</td></tr><tr><td>ARCADY FRADKOV</td><td>09/10/2002</td></tr><tr><td>YULII LABAS</td><td>09/10/2002</td></tr><tr><td>MIKHAIL MATZ</td><td>09/01/2002</td></tr><tr><td>ALEXEY TERSKIKH</td><td>08/20/2002</td></tr></tbody></table> | Name                   | Execution Date | SERGEY LUKYANOV     | 09/10/2002 | ARCADY FRADKOV | 09/10/2002 | YULII LABAS | 09/10/2002 | MIKHAIL MATZ | 09/01/2002 | ALEXEY TERSKIKH | 08/20/2002 |  |
| Name  | Execution Date         |                |                     |            |                |            |             |            |              |            |                 |            |  |
| SERGEY LUKYANOV   | 09/10/2002             |                |                     |            |                |            |             |            |              |            |                 |            |  |
| ARCADY FRADKOV  | 09/10/2002             |                |                     |            |                |            |             |            |              |            |                 |            |  |
| YULII LABAS   | 09/10/2002             |                |                     |            |                |            |             |            |              |            |                 |            |  |
| MIKHAIL MATZ  | 09/01/2002             |                |                     |            |                |            |             |            |              |            |                 |            |  |
| ALEXEY TERSKIKH   | 08/20/2002             |                |                     |            |                |            |             |            |              |            |                 |            |  |
| RECEIVING PARTY DATA  |                        |                |                     |            |                |            |             |            |              |            |                 |            |  |
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| City:   | Moscow                 |                |                     |            |                |            |             |            |              |            |                 |            |  |
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| PROPERTY NUMBERS Total: 1   |                        |                |                     |            |                |            |             |            |              |            |                 |            |  |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11607290</td></tr></tbody></table>  | Property Type          | Number         | Application Number: | 11607290   |                |            |             |            |              |            |                 |            |  |
| Property Type   | Number                 |                |                     |            |                |            |             |            |              |            |                 |            |  |
| Application Number:   | 11607290               |                |                     |            |                |            |             |            |              |            |                 |            |  |
| CORRESPONDENCE DATA   |                        |                |                     |            |                |            |             |            |              |            |                 |            |  |
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| Email: jpj@bozpat.com   |                        |                |                     |            |                |            |             |            |              |            |                 |            |  |
| Correspondent Name: BOZICEVIC FIELD AND FRANCIS LLP   |                        |                |                     |            |                |            |             |            |              |            |                 |            |  |
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| NAME OF SUBMITTER:  | Bret E. Field          |                |                     |            |                |            |             |            |              |            |                 |            |  |

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PATENT  
REEL: 018931 FRAME: 0269

Total Attachments: 4

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**PATENT**

**REEL: 018931 FRAME: 0270**

## ASSIGNMENT

## WITNESSETH:

WHEREAS, Sergey Lukyanov, Arcady Fradkov, Yulii Labas, Mikhail Matz and Alexey Terskikh (hereinafter "Assignors"), have made a new and useful invention, specifically, fluorescent proteins related to Anthozoa chromo and fluorescent proteins as described in U.S. Patent Application Serial No. 10/006,922 (hereinafter the "Invention"); and filed the following patent applications thereon:

U.S. Patent Application Serial No. 10/006,922; titled: NOVEL  
CHROMOPHORES/FLUOROPHORES AND METHODS FOR USING THE SAME and filed on  
December 4, 2001;

WHEREAS, SAMANA Business, Inc. (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said "Invention", and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon, including:

U.S. Patent Application Serial No. 10/006,922; titled: NOVEL  
CHROMOPHORES/FLUOROPHORES AND METHODS FOR USING THE SAME and filed on  
December 4, 2001;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned Invention, any applications for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all right under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the

use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, had this sale and assignment not been made.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the sole and lawful owner of the entire right, title and interest in and to said Invention and any applications for Letters Patent above-mentioned, and that the same are unencumbered and that said Assignors have good and full right lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignor will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said Invention, or said application for Letters Patent or any proceeding in connection with Letters Patent for said Invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable; sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said Invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

Date Sept 10. 2002.

Name of Inventor

Sergey Lukyanov

Date Sept 10. 2002

Name of Inventor

Arcady Fradkov

Date Sept 10, 2002

Name of Inventor

Yulii Labas

Date \_\_\_\_\_

Name of Inventor

Mikhail Matz

Date \_\_\_\_\_

Name of Inventor

Alexey Terskikh

use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, had this sale and assignment not been made.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the sole and lawful owner of the entire right, title and interest in and to said Invention and any applications for Letters Patent above-mentioned, and that the same are unencumbered and that said Assignors have good and full right lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee, its successors, legal representatives and assigns, that said Assignor will whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said Invention, or said application for Letters Patent or any proceeding in connection with Letters Patent for said Invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said Invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

|                               |   |
|-------------------------------|---|
| Date _____                    | Name of Inventor _____<br>Sergey Lukyanov           |
| Date _____                    | Name of Inventor _____<br>Arcady Fradkov            |
| Date _____                    | Name of Inventor _____<br>Yulii Labas               |
| Date <u>September 1, 2002</u> | Name of Inventor <u>[Signature]</u><br>Mikhail Matz |
| Date _____                    | Name of Inventor _____<br>Alexey Terskilch          |

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use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, had this sale and assignment not been made,

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Date: \_\_\_\_\_

Name of Inventor \_\_\_\_\_

Sergey Lukyanov

Date: \_\_\_\_\_

Name of Inventor \_\_\_\_\_

Arcady Fradkov

Date: \_\_\_\_\_

Name of Inventor \_\_\_\_\_

Yulii Labas

Date: \_\_\_\_\_

Name of Inventor \_\_\_\_\_

Mikhail Matz

Date: August 20, 2002

Name of Inventor \_\_\_\_\_

Alexey Terskikh