

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                              |               |   |                     |                      |                   |               |              |            |                |            |              |       |
|---|---|---------------|---|---------------------|----------------------|-------------------|---------------|--------------|------------|----------------|------------|--------------|-------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                                  |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <b>CONVEYING PARTY DATA</b>   |   |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Laura Marcu</td> <td>05/12/2009</td> </tr> <tr> <td>Javier A. Jo</td> <td>05/12/2009</td> </tr> <tr> <td>Daniel Elson</td> <td>05/25/2009</td> </tr> </tbody> </table>  |   | Name          | Execution Date                              | Laura Marcu         | 05/12/2009           | Javier A. Jo      | 05/12/2009    | Daniel Elson | 05/25/2009 |                |            |              |       |
| Name  | Execution Date                              |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Laura Marcu   | 05/12/2009                                  |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Javier A. Jo  | 05/12/2009                                  |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Daniel Elson  | 05/25/2009                                  |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <b>RECEIVING PARTY DATA</b>   |   |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street</td> </tr> <tr> <td>Internal Address:</td> <td>Twelfth Floor</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94607</td> </tr> </table> |   | Name:         | The Regents of the University of California | Street Address:     | 1111 Franklin Street | Internal Address: | Twelfth Floor | City:        | Oakland    | State/Country: | CALIFORNIA | Postal Code: | 94607 |
| Name:   | The Regents of the University of California |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Street Address:   | 1111 Franklin Street                        |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Internal Address:   | Twelfth Floor                               |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| City:   | Oakland                                     |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| State/Country:  | CALIFORNIA                                  |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Postal Code:  | 94607                                       |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| PROPERTY NUMBERS Total: 1   |   |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12516341</td> </tr> </tbody> </table>   |   | Property Type | Number                                      | Application Number: | 12516341             |                   |               |              |            |                |            |              |       |
| Property Type   | Number                                      |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Application Number:   | 12516341                                    |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <b>CORRESPONDENCE DATA</b>  |   |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| <p>Fax Number: (530)759-1665</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 530-759-1663</p> <p>Email: edward@parklegal.com</p> <p>Correspondent Name: Edward J. Grundler</p> <p>Address Line 1: Park, Vaughan &amp; Fleming, LLP</p> <p>Address Line 2: 2820 Fifth Street</p> <p>Address Line 4: Davis, CALIFORNIA 95618</p>  |   |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| ATTORNEY DOCKET NUMBER:   | UC07-081-2                                  |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| NAME OF SUBMITTER:  | Edward J. Grundler, Reg. No. 47,615         |               |   |                     |                      |                   |               |              |            |                |            |              |       |
| Total Attachments: 6  |   |               |   |                     |                      |                   |               |              |            |                |            |              |       |

OP \$40.00 12516341

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**PATENT**  
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**ASSIGNMENT**

U.C. Case No.: UC07-081-2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Laura Marcu                      2. Javier A. Jo                      3. Daniel Elson

Hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

**TIME-RESOLVED AND WAVELENGTH-RESOLVED SPECTROSCOPY FOR CHARACTERIZING BIOLOGICAL MATERIALS**

and which is found in

- (a) \_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors  
(b) \_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors  
(c) \_\_\_\_ U.S. provisional application serial no. \_\_\_\_\_, filed on \_\_\_\_\_  
(d) X U.S. application serial no. 12/516,341, filed on 26 May 2009  
(e) \_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Attorney Docket No. UC07-081-2

Executed this

12 day of May, 2009

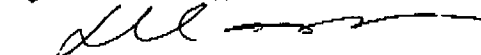
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\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_ day of \_\_\_\_\_, 20\_\_

Signature of Inventor(s)



Laura Marcu

\_\_\_\_\_  
Javier A. Jo

\_\_\_\_\_  
Daniel Elson

\_\_\_\_\_

\_\_\_\_\_

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and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

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12<sup>th</sup> day of May, 2009

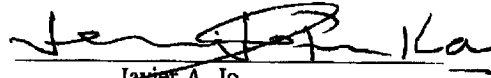
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Signature of Inventor(s)

Laura Marcu



Javier A. Jo

Daniel Elson

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25 day of May, 2009

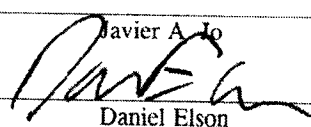
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