

# 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>Randolph J. Noelle</td> <td>07/12/2010</td> </tr> <tr> <td>Li Wang</td> <td>07/12/2010</td> </tr> </tbody> </table>   |                                   | Name          | Execution Date                    | Randolph J. Noelle  | 07/12/2010         | Li Wang           | 07/12/2010 |       |         |                |               |              |            |
| Name  | Execution Date                    |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| Randolph J. Noelle  | 07/12/2010                        |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| Li Wang   | 07/12/2010                        |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <b>RECEIVING PARTY DATA</b>   |                                   |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Trustees of Dartmouth College</td> </tr> <tr> <td>Street Address:</td> <td>11 Rope Ferry Road</td> </tr> <tr> <td>Internal Address:</td> <td>#6210</td> </tr> <tr> <td>City:</td> <td>Hanover</td> </tr> <tr> <td>State/Country:</td> <td>NEW HAMPSHIRE</td> </tr> <tr> <td>Postal Code:</td> <td>03755-1404</td> </tr> </table> |                                   | Name:         | The Trustees of Dartmouth College | Street Address:     | 11 Rope Ferry Road | Internal Address: | #6210      | City: | Hanover | State/Country: | NEW HAMPSHIRE | Postal Code: | 03755-1404 |
| Name:   | The Trustees of Dartmouth College |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| Street Address:   | 11 Rope Ferry Road                |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| Internal Address:   | #6210                             |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| City:   | Hanover                           |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| State/Country:  | NEW HAMPSHIRE                     |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| Postal Code:  | 03755-1404                        |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                   |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <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>12732371</td> </tr> </tbody> </table>   |                                   | Property Type | Number                            | Application Number: | 12732371           |                   |            |       |         |                |               |              |            |
| Property Type   | Number                            |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| Application Number:   | 12732371                          |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <b>CORRESPONDENCE DATA</b>  |                                   |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <p>Fax Number: (202)778-2201<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 955 1500<br/>         Email: dtsepal@hunton.com<br/>         Correspondent Name: Hunton &amp; Williams LLP<br/>         Address Line 1: 1900 K Street, N.W.<br/>         Address Line 2: IP Department, Suite 1200<br/>         Address Line 4: Washington, DISTRICT OF COLUMBIA 20006-1109</p>          |                                   |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| ATTORNEY DOCKET NUMBER:   | 76799.000105                      |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| NAME OF SUBMITTER:  | Deborah Tsepal                    |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |
| <p>Total Attachments: 3<br/>         source=Assignment76799-000105#page1.tif</p>  |                                   |               |                                   |                     |                    |                   |            |       |         |                |               |              |            |

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**PATENT**  
**REEL: 024788 FRAME: 0573**

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## ASSIGNMENT

WHEREAS, WE, **Randolph J. Noelle** residing at 301 Freeman Hill Road, Plainfield, New Hampshire 03781; and **Li Wang**, residing at 948 New Boston Road, Norwich, Vermont 05055, have invented certain new and useful improvements in and to the subject matter of:

### REGULATORY T CELL MEDIATOR PROTEINS AND USES THEREOF

described in an application for United States Letters Patent filed on July 14, 2009, and accorded Application No. 12/732,371.

AND, WHEREAS, THE TRUSTEES OF DARTMOUTH COLLEGE, a non-profit educational and research institution existing under the laws of the State of New Hampshire and being located at 11 Rope Ferry Road, #6210, Hanover, NH 03755-1404, (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Hunton & Williams LLP, whose address is 1900 K Street, Suite 1200, Washington, DC 20006-1109, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE

HUNTON & WILLIAMS LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
1900 K STREET, N.W.  
SUITE 1200  
WASHINGTON, DC 20006-1109  
(202) 955-1500 (TELEPHONE)  
(202) 778-2201 (FACSIMILE)

its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

7/12/10  
Date

*Randolph J. Noelle*  
(Inventor) Randolph J. Noelle

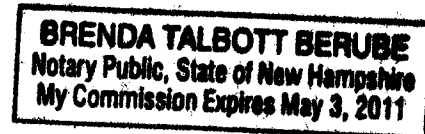
County of GRAFTON )  
State of New Hampshire ) ss:

On this 12 day of July, 2010, before me a Notary Public in and for the County and State aforesaid, personally appeared Randolph J. Noelle to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

*Brenda Berube*  
Notary Public

(SEAL)

My Commission Expires 05/03/211



HUNTON & WILLIAMS LLP

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IN WITNESS WHEREOF, we have hereunto set our hands and seals.

July 12, 2010  
Date

Li Wang  
(Inventor) Li Wang

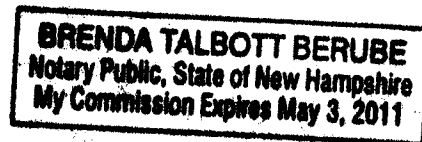
County of GRAFTON )  
State of NEW HAMPSHIRE ) ss:

On this 12 day of July, 2010, before me a Notary Public in and for the County and State aforesaid, personally appeared Li Wang, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Brenda Berube  
Notary Public

(SEAL)

My Commission Expires 05/03/11



HUNTON & WILLIAMS LLP

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