

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ANDRAS GRUBER | 08/29/2013 |
| RECEIVING PARTY DATA | |
| Name: | OREGON HEALTH & SCIENCE UNIVERSITY |
| Street Address: | 0690 SW BANCROFT STREET |
| Internal Address: | MAIL CODE L106TT |
| City: | PORTLAND |
| State/Country: | OREGON |
| Postal Code: | 97239 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14649972 |
| CORRESPONDENCE DATA | |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
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| ATTORNEY DOCKET NUMBER: | VBLT.P0217US |
| NAME OF SUBMITTER: | CAROLINE HAMILTON |
| SIGNATURE: | /Caroline Hamilton/ |
| DATE SIGNED: | 03/07/2016 |
| Total Attachments: 2 | |
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| source=VBLTP0217US_Assignment_GruberOHSU#page2.tif | |

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Oregon Health & Science University (the "Assignee"), having a place of business at 0690 SW Bancroft Street, Mail Code L106TT, Portland, Oregon 97239, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in U.S. Provisional Application Serial No. **61/734,630**, which has been filed on **December 7, 2012** and is entitled **"ANTIBODIES AGAINST FACTOR XII AND USES THEREOF,"** such application and all conversion to non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

Signature: [Handwritten Signature]
Name: Andras Gruber

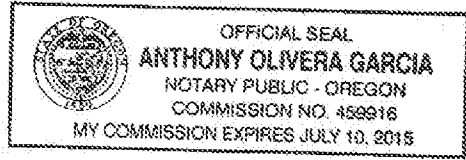
Date: August 29, 2013

STATE OF Oregon
COUNTY OF Multnomah

BEFORE ME, the undersigned authority, on this 29th day of August, 2013 personally appeared Andras Gruber, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[Handwritten Signature]
Notary or Consular Officer

[SEAL]



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