

PATENT ASSIGNMENT

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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>Gerd Ritter</td> <td>09/16/2013</td> </tr> <tr> <td>Lloyd J. Old</td> <td>09/17/2013</td> </tr> <tr> <td>George Mark</td> <td>09/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Gerd Ritter	09/16/2013	Lloyd J. Old	09/17/2013	George Mark	09/17/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Ludwig Institute for Cancer Research, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>605 Third Avenue</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10158</td> </tr> </table>		Name:	Ludwig Institute for Cancer Research, Ltd.	Street Address:	605 Third Avenue	City:	New York	State/Country:	NEW YORK	Postal Code:	10158
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CORRESPONDENCE DATA											
Fax Number: 2015870715 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2014875800 Email: nancyc@kjiplaw.com Correspondent Name: Klauber & Jackson LLC Address Line 1: 25 East Spring Valley Avenue Address Line 2: Suite 160 Address Line 4: Maywood, NEW JERSEY 07607											
ATTORNEY DOCKET NUMBER:	2332-1-016PCTUS										
NAME OF SUBMITTER:	Christine E. Dietzel, Ph.D.										
Signature:	/Christine E. Dietzel/										

Date:

09/18/2013

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE, **Gerd Ritter**, a citizen of Germany, residing at Ludwig Institute for Cancer Research Ltd., 1275 York Avenue, New York, NY 10021;; and

Beatrice Yin, a citizen of the United States, residing at Ludwig Institute for Cancer Research Ltd., 1275 York Avenue, New York, NY 10021; and

Anne Murray, a citizen of the United States, residing at Ludwig Institute for Cancer Research Ltd., 1275 York Avenue, New York, NY 10021; and

George Mark, a citizen of the United States, residing at Ludwig Institute for Cancer Research Ltd., 1275 York Avenue, New York, NY 10021; and

Lloyd J. Old, a citizen of the United States, residing at Ludwig Institute for Cancer Research Ltd., 1275 York Avenue, New York, NY 10021;; and

Serhiy Souchelnytskyi, a citizen of Sweden, residing at Karolinska Biomics Center, Z5:01, Karolinska Institutet, Karolinska University Hospital, Solna, SE-17176, Stockholm Sweden; and

have invented certain new and useful improvements in

MEMBRANE TRANSPORTER NAPI2B (SLC34A2) EPITOPE FOR ANTIBODY THERAPY, ANTIBODIES DIRECTED THERETO, AND TARGET FOR CANCER THERAPY

for which we have filed an Application for Letters Patent in the United States on **July 29, 2010** and was accorded U.S. Serial No. **12/735,576**; and

WHEREAS, **Ludwig Institute for Cancer Research, Ltd.**,
a corporation organized and existing under
the laws of the State of New York,
with office at 605 Third Avenue, New York, New York 10158,

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which is hereby acknowledged, we the said

**Gerd Ritter, Beatrice Yin, Anne Murray, George Mark
Lloyd J. Old and Serhiy Souchelnytskyi**

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

Ludwig Institute for Cancer Research, Ltd.

its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted

thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted from said improvements in any country or

Ludwig Institute for Cancer Research, Ltd.

countries foreign to the United States and extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

Ludwig Institute for Cancer Research, Ltd.

its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner herein above set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

Ludwig Institute for Cancer Research, Ltd.

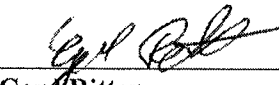
its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

Ludwig Institute for Cancer Research, Ltd.

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year set opposite our signatures.

Date 3/16/2013



Gerd Ritter L.S.

Date _____ L.S.

Beatrice Yin

Date _____ L.S.

Anne Murray

Date _____ L.S.

George Mark

Date Sept. 17, 2013 Constance Old L.S.

Lloyd J. Old

Executed on behalf of Lloyd J. Old by his Heir and
Legal Representative:
Constance Old, a US Citizen
Residence and Mailing Address:
17 West 54th Street,
Apartment 4B
New York, NY 10019

Date _____ L.S.

Serhiy Souchelnytskiy

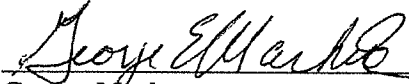
Date _____

Beatrice Yin L.S.

Date _____,

Anne Murray L.S.

Date 17 Sept 2013,


George Mark L.S.

Date _____,

Lloyd J. Old L.S.

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New York, NY 10019

Date _____,

Serhiy Souchelnyskiy L.S.