## 502708212 03/05/2014

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LEENDERT ADRIANUS TROUW	02/19/2014
REINALDUS EVERARDUS MARIA TOES	02/25/2014
THOMAS WILLEM JOHANNES HUIZINGA	02/25/2014
PETRUS ANTONIUS VAN VEELEN	02/25/2014
ANTHONY CERAMI	12/12/2013
JING SHI	02/19/2014

# **RECEIVING PARTY DATA**

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Street Address:	ALBINUSDREEF 2
City:	LEIDEN
State/Country:	NETHERLANDS
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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13983374

# CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2183-P11970US
NAME OF SUBMITTER:	ALLEN C. TURNER

502708212 REEL: 032359 FRAME: 0360

Signature:	/Allen C. Turner/
Date:	03/05/2014
Total Attachments: 4 source=Mar-05-14-Assignment-11971#page1.tif source=Mar-05-14-Assignment-11971#page2.tif source=Mar-05-14-Assignment-11971#page3.tif source=Mar-05-14-Assignment-11971#page4.tif	

PATENT REEL: 032359 FRAME: 0361

#### ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to Academisch Ziekenhuis Leiden H.O.D.N. LUMC ("ASSIGNEE"), an entity of The Netherlands having a place of business at Albinusdreef 2, 2333 ZA Leiden, Netherlands, 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 the Application for United States Letters Patent Serial No. 13/983,374 filed on August 02, 2013, entitled ANTI-CARBAMYLATED PROTEIN ANTIBODIES AND THE RISK FOR ARTHRITIS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined 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 made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into 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, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

PATENT REEL: 032359 FRAME: 0362 AGREE and ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:	
Leendert Adrianus TROUW	Date
Decident regrands recov	
Toes, Reinaldus Everardus Maria	Date
Thomas Willem Johannes HUIZINGA	Date
Petrus Antonius VAN VEELEN	Date
Anthony CERAMI	Date Dac. 12,2013
Jing SHI	Date
ACCEPTED BY ASSIGNEE: Academisch Ziekenhuis Leiden H.O.D.N. LUMC	
By:	
lts: Date:	

2

Attorney Docket No. 2183-P11971US

#### ASSIGNMENT

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

SELL, ASSIGN AND TRANSFER to Academisch Ziekenhuis Leiden H.O.D.N. LUMC ("ASSIGNEE"), an entity of The Netherlands having a place of business at Albinusdreef 2, 2333 ZA Leiden, Netherlands, 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 the Application for United States Letters Patent Serial No. 13/983,374 filed on August 02, 2013, entitled ANTI-CARBAMYLATED PROTEIN ANTIBODIES AND THE RISK FOR ARTHRITIS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined 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 made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into 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, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

PATENT REEL: 032359 FRAME: 0364 AGREE and ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNORS:	
Leendert Adrianus TROUW	
Upr 1003	
Toes, Reinaldus Everardus Maria	
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Thomas Willem Johannes HUIZINGA	
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Anthony CERAMI	
Jing Shi	
Jing SHI	

Date 19-2-2014

Date 25-2-2014

Date 25-2-2014

Date 25-02-2014

Date \_\_\_\_\_

Date  $\frac{[9-01-20]4}{}$ 

ACCEPTED BY ASSIGNEE:
Academisch Ziekenhuis Leiden H.O.D.N. LUMC



mr.drs. Paul Bilars managing director Department of Internal medicine Leiden University Medical Center

2