# 504552694 09/18/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4599403

| SUBMISSION TYPE:  |   | NEW ASSIGNMENT  |                |  |  |
|---|---|---|----------------|--|--|
| NATURE OF CONVEYANCE:   |   | ASSIGNMENT  |                |  |  |
| CONVEYING PARTY   | DATA  |   |                |  |  |
|   |   | Name  | Execution Date |  |  |
| 4-ANTIBODY AG   |   |   | 12/27/2016     |  |  |
| RECEIVING PARTY D   | ΑΤΑ   |   |                |  |  |
| Name:   | AGENUS IN   | US INC.   |                |  |  |
| Street Address:   | 3 FORBES I  | JES ROAD  |                |  |  |
| City:   | LEXINGTON   | IGTON   |                |  |  |
| State/Country:  | MASSACHU  | SSACHUSETTS   |                |  |  |
| Postal Code:  | 02421   |   |                |  |  |
|   |   |   |                |  |  |
| PROPERTY NUMBER   |   |   |                |  |  |
| Property Type   |   | Number  |                |  |  |
| Application Number: 1   |   | 1186  |                |  |  |
| Application Number:6  |   | 3539  |                |  |  |
|   |   |   |                |  |  |
| COBRESPONDENCE  | ΠΔΤΔ  |   |                |  |  |
| CORRESPONDENCE<br>Fax Number:   |   | 300-4001  |                |  |  |
| Fax Number:<br>Correspondence will  | (857)<br>be sent to the   | 300-4001<br><b>e-mail address first; if that is unsuccessfu</b>   |                |  |  |
| Fax Number:<br><i>Correspondence will</i><br><i>using a fax number, i</i>   | (857)<br>be sent to the<br>if provided; if th   | e-mail address first; if that is unsuccessfu<br>nat is unsuccessful, it will be sent via US N   |                |  |  |
| Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:   | (857)<br>be sent to the<br>if provided; if th<br>(857)  | e-mail address first; if that is unsuccessfunat is unsuccessful, it will be sent via US N<br>300-4000   |                |  |  |
| Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:   | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe   | <b>e-mail address first; if that is unsuccessfu</b><br><b>hat is unsuccessful, it will be sent via US M</b><br>300-4000<br>rts@lathropgage.com  |                |  |  |
| Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name   | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>e: LATH  | e-mail address first; if that is unsuccessfunt<br>that is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP  |                |  |  |
| Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:  | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>lrobe<br>: LATH<br>28 S   | e-mail address first; if that is unsuccessfunt<br>for the sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>FATE STREET  |                |  |  |
| Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name   | (857)<br>if provided; if the<br>(857)<br>Irobe<br>e: LATH<br>28 S<br>SUIT   | e-mail address first; if that is unsuccessfunt<br>that is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP  |                |  |  |
| Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:  | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>e: LATH<br>28 S<br>SUIT<br>BOS   | e-mail address first; if that is unsuccessfunat is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>TATE STREET<br>E 700   |                |  |  |
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| Fax Number:<br>Correspondence will<br>using a fax number, i<br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET I<br>NAME OF SUBMITTER  | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>28 S<br>SUIT<br>BOS<br>NUMBER:   | e-mail address first; if that is unsuccessfu<br>hat is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>FATE STREET<br>E 700<br>FON, MASSACHUSETTS 02109<br>U.S. APP NO. 13/511,186  |                |  |  |
| Fax Number:<br><i>Correspondence will</i><br><i>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET I<br>NAME OF SUBMITTER<br>SIGNATURE:  | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>28 S<br>SUIT<br>BOS<br>NUMBER:   | e-mail address first; if that is unsuccessfu<br>hat is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>TATE STREET<br>E 700<br>TON, MASSACHUSETTS 02109<br>U.S. APP NO. 13/511,186<br>ANDREW T. WILKINS   |                |  |  |
| Fax Number:<br><i>Correspondence will</i><br><i>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET I<br>NAME OF SUBMITTEF<br>SIGNATURE:<br>DATE SIGNED:  | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>28 S<br>SUIT<br>BOS<br>NUMBER:   | e-mail address first; if that is unsuccessfu<br>hat is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>TATE STREET<br>E 700<br>TON, MASSACHUSETTS 02109<br>U.S. APP NO. 13/511,186<br>ANDREW T. WILKINS<br>/Andrew T. Wilkins/                                    |                |  |  |
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| Fax Number:<br><i>Correspondence will</i><br><i>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET I<br>NAME OF SUBMITTEF<br>SIGNATURE:<br>DATE SIGNED:<br>Total Attachments: 5                              | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>e: LATH<br>28 S<br>SUIT<br>BOS<br>NUMBER:<br>R:<br>ent 4AB to Ager         | e-mail address first; if that is unsuccessfu<br>at is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>TATE STREET<br>E 700<br>TON, MASSACHUSETTS 02109<br>U.S. APP NO. 13/511,186<br>ANDREW T. WILKINS<br>/Andrew T. Wilkins/<br>09/18/2017                       |                |  |  |
| Fax Number:<br>Correspondence will<br>using a fax number, i<br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 2:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET I<br>NAME OF SUBMITTER<br>SIGNATURE:<br>DATE SIGNED:<br>Total Attachments: 5<br>source=P5003 assignm | (857)<br>be sent to the<br>if provided; if th<br>(857)<br>Irobe<br>28 S<br>SUIT<br>BOS<br>NUMBER:<br>R:<br>ent 4AB to Ager<br>ent 4AB to Ager | e-mail address first; if that is unsuccessfu<br>at is unsuccessful, it will be sent via US M<br>300-4000<br>rts@lathropgage.com<br>IROP GAGE LLP<br>TATE STREET<br>E 700<br>TON, MASSACHUSETTS 02109<br>U.S. APP NO. 13/511,186<br>ANDREW T. WILKINS<br>/Andrew T. WILKINS<br>/Andrew T. Wilkins/<br>09/18/2017 |                |  |  |

PATENT REEL: 043616 FRAME: 0799

#### ASSIGNMENT

WHEREAS, **4-ANTIBODY AG**, a corporation having its principal place of business at Hochbergerstrasse 60C, CH-4057 Basel, Switzerland, is the owner by assignment of certain rights, title and interest to the inventions described in the patents and patent applications identified in Exhibit A hereto; and

WHEREAS, AGENUS INC., a corporation of Delaware, having its principal place of business at 3 Forbes Road, Lexington, MA 02421, is desirous of acquiring all rights, title and interest in and to said inventions, said applications, and in and to any and all Letters Patents which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, 4-ANTIBODY AG have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said AGENUS INC., the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) the inventions as set forth and described, for example, in the patent application specifications identified in Exhibit A;
- (b) all patent applications identified in Exhibit A;
- (c) any and all patent applications, including Patent Cooperation Treaty (PCT) applications, directed to the inventions as set forth and described, for example, in the patent application specifications identified in Exhibit A;
- (d) any and all refilings, divisions, continuations, and continuations-inpart of those patent applications;
- (e) any and all patents of the United States of America which may issue from any of the above items;
- (f) any and all reissue and reexamination certificates of those patents;
- (g) any and all applications for the inventions filed in any and all countries foreign to the United States of America;

#### PATENT REEL: 043616 FRAME: 0800

- (h) any and all refilings, divisions, and continuations of those foreignfiled applications;
- any and all patents, certificates, and registrations of countries foreign to the United States of America which may issue from those foreign-filed applications, refilings, divisions, and continuations;
- (j) any and all extensions of, and additions to, the foreign-filed applications and patents, certificates, and registrations related thereto;
- (k) the right to claim priority to any of the foregoing; and
- (I) any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue and to collect damages and other relief from any and all parties.

4-ANTIBODY AG further agrees that 4-ANTIBODY AG will promptly execute and deliver to AGENUS INC. or its legal representatives any and all papers, instruments, and affidavits required to apply for, obtain, maintain, issue, and enforce all of the items listed above.

All of the above shall be held and enjoyed by AGENUS INC. and its successors, legal representatives, and assigns for their own use and benefit, for the full term for which the protections listed above may be granted, and 4-ANTIBODY AG authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Patents granted for said inventions, whether on an application for said invention set forth in Exhibit A, or on any subsequently filed provisional, non-provisional, divisional, continuation, continuation-in-part, reissue, or other related application, to AGENUS INC., its successors and assigns, as the assignee of their entire interest in said inventions and applications.

2 of 5

#### PATENT REEL: 043616 FRAME: 0801

Assignor:

4-ANTIBODY AG

iniom. Kar-

Signature

Date:

12/27/16

Christine M. Klaskin Director

Name and Title:

Signed in my presence and acknowledged to be an assignment of the intellectual property herein above referred to:

WITNESS

Meis Vor Signed At (City/State) 13-62 non Ni in Name. 0 Signature  $\Lambda e$ 12/2 1 Date

Assignee:

AGENUS INC.

N/ West

Signature

2/22/2016 Date

Karen H. Valentine Chief Legal Officer & General Counsel

Name and Title:

Signed in my presence and acknowledged to be an assignment of the intellectual property herein above referred to:

WITNESS

Lexington, MA USA

Signed At (City/State)

Andrea M. Drury

Name Signature Date

#### Exhibit A

#### **Assigned Patents and Patent Applications**

#### Title: RETROVIRAL VECTOR PARTICLES AND METHODS FOR THEIR GENERATION AND USE

| Jurisdiction  | Application No.   | Filing Date                | Patent No.<br>(Grant Date) |
|---|-------------------|----------------------------|----------------------------|
| United States   | 61/263,539        | 11/23/2009                 | -                          |
| United States   | 13/511,186        | 5/22/2012<br>(371(c) date) | 8,663,989<br>(3/04/2014)   |
| WIPO  | PCT/EP2010/067946 | 11/22/2010                 | •                          |
| Europe  | 09176789.7        | 11/23/2009                 | -                          |
| Europe (in force in<br>Switzerland, Germany,<br>France, and UK) | 10788040.3        | 11/22/2010                 | 2504444<br>(3/18/2015)     |

5 of 5

### PATENT REEL: 043616 FRAME: 0804

**RECORDED: 09/18/2017**