

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4447922

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ANTHONY COYLE | 02/24/2017 |
| MANUEL BACA | 02/22/2017 |
| THOMAS THISTED | 03/01/2017 |
| STACEY DRABIC | 02/21/2017 |
| LUBA GRINBERG | 02/23/2017 |
| SHABAZZ NOVARRA | 02/27/2017 |
| VAHEH OGANESYAN | 02/21/2017 |
| RONALD HERBST | 02/28/2017 |
| DAVID KENNETH SPENCER | 06/07/2017 |
| RECEIVING PARTY DATA | |
| Name: | MEDIMMUNE, LLC |
| Street Address: | ONE MEDIMMUNE WAY |
| City: | GAITHERSBURG |
| State/Country: | MARYLAND |
| Postal Code: | 20878 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14347016 |
| CORRESPONDENCE DATA | |
| Fax Number: | (301)398-9306 |
| <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> | |
| Phone: | 301-398-0000 |
| Email: | patents@astrazeneca.com |
| Correspondent Name: | MEDIMMUNE, LLC |
| Address Line 1: | ONE MEDIMMUNE WAY |
| Address Line 4: | GAITHERSBURG, MARYLAND 20878 |
| ATTORNEY DOCKET NUMBER: | CD40L-101-US-PCT |
| NAME OF SUBMITTER: | AUDREY CLARK |

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|---|----------------|
| SIGNATURE: | /Audrey Clark/ |
| DATE SIGNED: | 06/07/2017 |
| Total Attachments: 27 source=2017_02_24_executed_Coyle_Assignment#page1.tif source=2017_02_24_executed_Coyle_Assignment#page2.tif source=2017_02_24_executed_Coyle_Assignment#page3.tif source=2017_02_22_executed_Baca_Assignment#page1.tif source=2017_02_22_executed_Baca_Assignment#page2.tif source=2017_02_22_executed_Baca_Assignment#page3.tif source=2017_03_01_executed_Thisted_Assignment#page1.tif source=2017_03_01_executed_Thisted_Assignment#page2.tif source=2017_03_01_executed_Thisted_Assignment#page3.tif source=2017_02_21_executed_Drabic_Assignment#page1.tif source=2017_02_21_executed_Drabic_Assignment#page2.tif source=2017_02_21_executed_Drabic_Assignment#page3.tif source=2017_02_23_executed_Grinberg_Assignment#page1.tif source=2017_02_23_executed_Grinberg_Assignment#page2.tif source=2017_02_23_executed_Grinberg_Assignment#page3.tif source=2017_02_27_executed_Novarra_Assignment#page1.tif source=2017_02_27_executed_Novarra_Assignment#page2.tif source=2017_02_27_executed_Novarra_Assignment#page3.tif source=2017_02_21_executed_Oganesyan_Assignment#page1.tif source=2017_02_21_executed_Oganesyan_Assignment#page2.tif source=2017_02_21_executed_Oganesyan_Assignment#page3.tif source=2017_02_28_executed_Herbst_Assignment#page1.tif source=2017_02_28_executed_Herbst_Assignment#page2.tif source=2017_02_28_executed_Herbst_Assignment#page3.tif source=2017_06_07_executed_Spencer_Assignment#page1.tif source=2017_06_07_executed_Spencer_Assignment#page2.tif source=2017_06_07_executed_Spencer_Assignment#page3.tif | |

ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

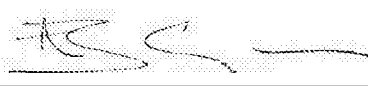
for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

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|--|---------------------------------|----------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Anthony | MIDDLE INITIAL | LAST NAME Coyle | |
| ADDRESS | Street Address 12 Union Park | City Boston | State or Country MA | Zip Code 02118 |
| INVENTOR'S SIGNATURE:  DATE: Feb 24, 2017 | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Thomas | MIDDLE INITIAL | LAST NAME Thisted | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Stacey | MIDDLE INITIAL | LAST NAME Drabic | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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| FULL NAME OF INVENTOR | FIRST NAME Luba | MIDDLE INITIAL | LAST NAME Grinberg | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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| FULL NAME OF INVENTOR | FIRST NAME Shabazz | MIDDLE INITIAL | LAST NAME Novarra | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|---------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Vaheh | MIDDLE INITIAL | LAST NAME Oganesyanyan | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Ronald | MIDDLE INITIAL | LAST NAME Herbst | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|---------------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME David | MIDDLE INITIAL Kenneth | LAST NAME Spencer | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

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|---|---------------------------------|----------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Anthony | MIDDLE INITIAL | LAST NAME Coyle | |
| ADDRESS | Street Address 12 Union Park | City Boston | State or Country MA | Zip Code 02118 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|--|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: <i>Manuel Baca</i> DATE: <i>02-22-2017</i> | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Thomas | MIDDLE INITIAL | LAST NAME Thisted | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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| FULL NAME OF INVENTOR | FIRST NAME Stacey | MIDDLE INITIAL | LAST NAME Drabic | |
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ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

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| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: <u>Thomas Thisted</u> DATE: <u>3/1-2017</u> | | | | |

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| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

ASSIGNMENT

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CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;


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| INVENTOR'S SIGNATURE:  DATE: <u>02-21-17</u> | | | | |

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for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

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|---|---------------------------------|----------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Anthony | MIDDLE INITIAL | LAST NAME Coyle | |
| ADDRESS | Street Address 12 Union Park | City Boston | State or Country MA | Zip Code 02118 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Thomas | MIDDLE INITIAL | LAST NAME Thisted | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Stacey | MIDDLE INITIAL | LAST NAME Drabic | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Luba | MIDDLE INITIAL | LAST NAME Grinberg | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: <u>L. Grinberg</u> DATE: <u>Feb. 23, 2017</u> | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Shabazz | MIDDLE INITIAL | LAST NAME Novarra | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Vaheh | MIDDLE INITIAL | LAST NAME Oganesyan | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Ronald | MIDDLE INITIAL | LAST NAME Herbst | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|---------------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME David | MIDDLE INITIAL Kenneth | LAST NAME Spencer | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

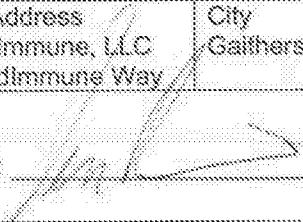
| | | | | |
|---|---------------------------------|----------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Anthony | MIDDLE INITIAL | LAST NAME Coyle | |
| ADDRESS | Street Address 12 Union Park | City Boston | State or Country MA | Zip Code 02118 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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| FULL NAME OF INVENTOR | FIRST NAME Thomas | MIDDLE INITIAL | LAST NAME Thisted | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Stacey | MIDDLE INITIAL | LAST NAME Drabic | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Luba | MIDDLE INITIAL | LAST NAME Grinberg | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Shabazz | MIDDLE INITIAL | LAST NAME Novarra | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE:  DATE: 2/27/2017 | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Vaheh | MIDDLE INITIAL | LAST NAME Oganesyan | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Ronald | MIDDLE INITIAL | LAST NAME Herbst | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|---------------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME David | MIDDLE INITIAL Kenneth | LAST NAME Spencer | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application 14/347,016 on March 25, 2014;

AND WHEREAS, MEDIMMUNE, LLC, a limited liability company formed under the laws of Delaware, whose post office address is One Medimmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

| | | | | |
|---|---------------------------------|----------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Anthony | MIDDLE INITIAL | LAST NAME Coyle | |
| ADDRESS | Street Address 12 Union Park | City Boston | State or Country MA | Zip Code 02118 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |


| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Thomas | MIDDLE INITIAL | LAST NAME Thisted | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Stacey | MIDDLE INITIAL | LAST NAME Drabic | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Luba | MIDDLE INITIAL | LAST NAME Grinberg | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Shabazz | MIDDLE INITIAL | LAST NAME Novarra | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Vaheh | MIDDLE INITIAL | LAST NAME Oganasyan | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE:  DATE: 2.21.2017 | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Ronald | MIDDLE INITIAL | LAST NAME Herbst | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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| FULL NAME OF INVENTOR | FIRST NAME David | MIDDLE INITIAL Kenneth | LAST NAME Spencer | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application 14/347,016 on March 25, 2014;

AND WHEREAS, MEDIMMUNE, LLC, a limited liability company formed under the laws of Delaware, whose post office address is One Medimmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, we HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND we HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by assignees, its successors and assigns.

| | | | | |
|---|---------------------------------|----------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Anthony | MIDDLE INITIAL | LAST NAME Coyle | |
| ADDRESS | Street Address 12 Union Park | City Boston | State or Country MA | Zip Code 02118 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

| | | | | |
|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

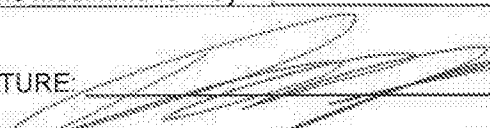
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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Thomas | MIDDLE INITIAL | LAST NAME Thisted | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|---|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Stacey | MIDDLE INITIAL | LAST NAME Drabic | |
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| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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| FULL NAME OF INVENTOR | FIRST NAME Luba | MIDDLE INITIAL | LAST NAME Grinberg | |
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| FULL NAME OF INVENTOR | FIRST NAME Vaheh | MIDDLE INITIAL | LAST NAME Oganesyan | |
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| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

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|--|---|----------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME Ronald | MIDDLE INITIAL | LAST NAME Herbst | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE:  DATE: 2-28-17 | | | | |

| | | | | |
|---|---|---------------------------|------------------------|-------------------|
| FULL NAME OF INVENTOR | FIRST NAME David | MIDDLE INITIAL Kenneth | LAST NAME Spencer | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: _____ DATE: _____ | | | | |

ASSIGNMENT

WHEREAS We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CD40L-Specific TN3-Derived Scaffolds and Methods of Use Thereof

for which an application for United States Letters Patent is filed herewith or an application for United States Patent was filed as patent application **14/347,016** on **March 25, 2014**;

AND WHEREAS, **MEDIMMUNE, LLC**, a limited liability company formed under the laws of Delaware, whose post office address is One MedImmune Way, Gaithersburg, MD 20878, [hereinafter referred to as Assignee], is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee, is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all 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 foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

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| FULL NAME OF INVENTOR | FIRST NAME Manuel | MIDDLE INITIAL | LAST NAME Baca | |
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| FULL NAME OF INVENTOR | FIRST NAME David | MIDDLE INITIAL Kenneth | LAST NAME Spencer | |
| ADDRESS | Street Address c/o MedImmune, LLC One MedImmune Way | City Gaithersburg | State or Country MD | Zip Code 20878 |
| INVENTOR'S SIGNATURE: <u>D. Spencer</u> DATE: <u>07 JUN 2017</u> | | | | |