# 504401223 06/07/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4447922

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

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.

**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

PATENT REEL: 042712 FRAME: 0424

504401223

SIGNATURE:	/Audrey Clark/				
DATE SIGNED:	06/07/2017				
Total Attachments: 27					
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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, it 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 SIG	NATURE:		DATE: Feb 24	, 2017
FULL NAME OF INVENTOR	FIRST NAME Manuel	MIDDLE INITIAL	LAST NAME Baca	<u> </u>
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		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 SIG	NATURE:		DATE:	
FULL NAME OF INVENTOR	FIRST NAME Stacey	MIDDLE INITIAL	LAST NAME	
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		DATE:	
FULL NAME OF INVENTOR	FIRST NAME Luba	MIDDLE INITIAL	LAST NAME Grinberg	<u> </u>
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INIVENITOR'S SIG	NATURE:	г	DATE:	

Sole/Joint Invention (Worldwide Rights)

	FIDOT NAME	MIDDLE INITIAL	LACTNIANT	
FULL NAME OF INVENTOR	FIRST NAME Shabazz	MIDDLE INITIAL	LAST NAME Novarra	
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	City Gaithersburg		Zip Code 20878
INVENTOR'S SIG	NATURE:		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		Zip Code 20878
INVENTOR'S SIG	NATURE:			
FULL NAME OF INVENTOR	FIRST NAME Ronald	MIDDLE INITIAL	LAST NAME Herbst	
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INVENTOR'S SIG	NATURE:		DATE:	
FULL NAME OF INVENTOR	FIRST NAME David	MIDDLE INITIAL Kenneth	LAST NAME Spencer	
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ADDRESS	Street Address 12 Union Park	City Boston	State or Country MA	Zip Code 02118
INVENTOR'S SIG	SNATURE:	r	DATE:	
FULL NAME OF INVENTOR	FIRST NAME Manuel	MIDDLE INITIAL	i LAST NAMi Baca	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	GNATURE: <u>Manuel</u>	Maca C	OATE: 02-3	22-2017
FULL NAME OF INVENTOR	FIRST NAME Thomas	MIDDLE INITIAL	LAST NAM	<u> </u>
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	SNATURE:		JATE:	
				***************************************
FULL NAME OF INVENTOR	FIRST NAME Stacey	MIDDLE INITIAL	LAST NAM Drabic	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	GNATURE:	ξ	DATE:	
FULL NAME OF INVENTOR	FIRST NAME	MIDDLE INITIAL	LAST NAM Grinberg	E
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	Gity Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG			DATE:	

FULL NAME OF INVENTOR	FIRST NAME   Shabazz	MIDDLE INITIAL	LAST NAMI Novarra	
ADDRESS	Street Address c/o MedImmune, LLC One MedImmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		DATE:	55.
FULL NAME OF INVENTOR	FIRST NAME Vaheh	MIDDLE INITIAL	LAST NAMI Oganesyar	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		DATE:	
INVENTOR'S SIG	NATURE:		DATE:	
INVENTOR'S SIG FULL NAME OF INVENTOR	FIRST NAME Ronald	MIDDLE INITIAL	LAST NAMI Herbst	
FULL NAME OF	FIRST NAME		Ì LAST NAMI	
FULL NAME OF INVENTOR ADDRESS	FIRST NAME Ronald Street Address c/o Medimmune, LLC	MIDDLE INITIAL City Gaithersburg	LAST NAMI Herbst State or Country MD	Zip Code 20878
FULL NAME OF INVENTOR ADDRESS	FIRST NAME Ronald Street Address c/o Medimmune, LLC One Medimmune Way	MIDDLE INITIAL City Gaithersburg	LAST NAMI Herbst State or Country MD	Zip Code 20878

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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 SIG	NATURE: <u>////////////////////////////////////</u>	57/14th 1	DATE: <u>3/(</u>	-2017
FULL NAME OF INVENTOR	FIRST NAME Stacey	MIDDLE INITIAL	LAST NAME Drabic	
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INVENTOR'S SIG	( Winner)	( <u>()(())</u> c	ράτε: <u>- Δ΄Σ</u> , Ξ	41
	, )			
FULL NAME OF INVENTOR	FIRST NAME Luba	MIDDLE INITIAL	LAST NAME Grinberg	
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# Atty Docket No. **CD40L-101-US-PCT** Sole/Joint Invention (Worldwide Rights)

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 SIG	NATURE:	D	ATE:	
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	One MedImmune Way		MD	

**PATENT** 

REEL: 042712 FRAME: 0439

FULL NAME OF INVENTOR	FIRST NAME Shabazz	MIDDLE INITIAL	LAST NAME Novarra	
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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, it successors and assigns.

Atty Docket No. **CD40L-101-US-PCT** Sole/Joint Invention (Worldwide Rights)

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 SIG	NATURE:	D <sub>1</sub>	ATE:	
		T	1	
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
INIVENITOD'S SIC	NATUDE:	D	∧ <b>⊤⊏</b> .	
INVENTOR 3 3IG	NATURE:	D	ΛΙ <b>Γ</b>	
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 SIG	NATURE:	D/	ATE:	
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 SIG	NATURE:	D/	ATE:	
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 SIG	NATURE:	D	ATE:	

Atty Docket No. CD40L-101-US-PCT Sole/Joint Invention (Worldwide Rights)

FULL NAME OF INVENTOR	FIRST NAME Shabazz	MIDDLE INITIAL	LAST NAM Novarra	
ADDRESS	Street Address c/c Medimmune, U.C One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIC	INATURE:/_/		)ate: <u>2/</u> 2	7/2017
FULL NAME OF INVENTOR	FIRST NAME Vaheh	MIDDLE INITIAL	LAST NAM Oganesys	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
FULL NAME OF	FIRST NAME	MIDDLE INITIAL	LAST NAM Herbst	E
INVENTOR'S SIG	NATURE:		DATE	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		)ATE:	
FULL NAME OF INVENTOR	FIRST NAME David	MIDDLE INITIAL Kenneth	LAST NAM Spencer	
AUDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Cods 20878

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, it 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:			ATE:	
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 SIG	NATURE:	D <i>F</i>	ATE:	
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 SIG	NATURE:	DA	ATE:	
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 SIG	NATURE:	D <i>F</i>	ATE:	

FULL NAME OF INVENTOR	FIRST NAME Shabazz	MIDDLE INITIAL	LAST NAM Novarra	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:	F	)ATE:	
FULL NAME OF INVENTOR	FIRST NAME Vaheh	MIDDLE INITIAL	LAST NAM Oganesya	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	. N ()	24-	)ATE: <u>2.</u>	21.201
INVENTOR'S SIG	. N ()		)ATE: <u>2.</u>	21.201
FULL NAME OF INVENTOR	FIRST NAME Ronald Street Address	MIDDLE INITIAL City	LAST NAM Herbst State or	E
FULL NAME OF	INATURE: O	MIDDLE INITIAL	LAST NAM Herbst	E
FULL NAME OF INVENTOR ADDRESS	FIRST NAME Ronald Street Address c/o Medimmune, LLC	MIDDLE INITIAL  City Gaithersburg	LAST NAM Herbst State or Country	E Zip Code
FULL NAME OF INVENTOR ADDRESS	FIRST NAME Ronald Street Address c/o Medimmune, LLC One Medimmune Way	MIDDLE INITIAL  City Gaithersburg	LAST NAM Herbst State or Country MD	E Zip Code 20878

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

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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, it successors and assigns.

FULL NAME OF INVENTOR	FIRST NAME Anthony	MIDDLE INITIAL	LAST NAMI Coyle	
ADDRESS	Street Address 12 Union Park	City Boston	State or Country MA	Zip Code 02118
INVENTOR'S SIG	NATURE:	Ţ	ATE:	
FULL NAME OF INVENTOR	FIRST NAME Manuel	MIDDLE INITIAL	LAST NAM Baca	E
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		DATE	
FULL NAME OF INVENTOR	FIRST NAME Thomas	MIDDLE INITIAL	LAST NAM Thisted	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:	ſ	DATE:	
FULL NAME OF INVENTOR	FIRST NAME Stacey	MIDDLE INITIAL	LAST NAM Drabic	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	GNATURE:	Ţ	DATE:	<u></u>
FULL NAME OF INVENTOR	FIRST NAME	MIDDLE INITIAL	LAST NAM Grinberg	E
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INVENTOR'S SIG	ONATURE:		DATE:	

FULL NAME OF INVENTOR	FIRST NAME Shabazz	MIDDLE INITIAL	LAST NAME Novarra	
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INVENTOR'S SIG	SNATURE:		DATE:	
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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 SIG	FIRST NAME	MIDDLE INITIAL	DATE:	E
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	SNATURE		)ATE: <u>Z Z (</u>	2-12-
FULL NAME OF INVENTOR	FIRST NAME David	MIDDLE INITIAL Kenneth	LAST NAM Spencer	Œ
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	SNATURE:	Į.	)ATE:	

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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 SIG	NATURE:	DA	NTE:	
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 SIG	NATURE:	DA	NTE:	
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 SIG	NATURE:	DA	TE:	
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 SIG	NATURE:	DA	.TE:	
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 SIG	NATURE:	DA	TE:	

FULL NAME OF INVENTOR	FIRST NAME Shabazz	MIDDLE INITIAL	LAST NAME Novarra	
ADDRESS	Street Address c/o Medlmmune, LLC One Medlmmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	NATURE:		ATE:	<del></del>
	CIDOTALARE	TANDOLE BUTLAL	LIAOTALABE	
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 SIG	NATURE:	D	ATE:	
	I =			
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 SIG	NATURE:	D	ATE:	
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 SIG	NATURE: D_S ger	\usD	ATE: <u>೧) 2೧</u>	N 2017

**RECORDED: 06/07/2017**