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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5089748

SUBMISSION TYPE:		NEW ASSIGNMENT	
ATURE OF CONVEYA	NCE:	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
HASAN JAFRI			04/08/2016
ANTONIO DIGIANDOM	ENICO		04/08/2016
CHARLES K STOVER			04/09/2016
MICHAEL MCCARTHY			04/04/2016
XIANG-QING YU			04/01/2016
BRIAN BISHOP			07/20/2016
RECEIVING PARTY DA	TA		
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City:	GAITHE	ERSBURG	
-			
-	MARYL	AND	
State/Country: Postal Code:	20878	AND	
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ASSIGNMENT

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

Method for Preventing Nosocomial Pneumonia

for which a United States provisional application was filed as provisional patent application number €2/2€0,935 on November 30, 2015:

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, tille 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 unio 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 be granted on 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	FIRST NAME Hasan	MIDDLE INITIAL	LAST NAM	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	BNATURE: Heren	S.J.F.		<u>ril-2016</u>
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INVENTOR	Anthony Antonio		DiGiandom	
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INVENTOR'S SIG			NTE:	
FULL NAME OF	FIRST NAME	MIDDLE INITIAL	LAST NAME	<u>.</u>
INVENTOR	Michael	MIDDLE INITIAL	McCarthy	-
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INVENTOR'S SIG	NATURE:	DA	ντε:	
FULL NAME OF	FIRST NAME	MIDDLE INITIAL	LAST NAME	;
INVENTOR	Xiang-Qing		Yu	•
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:	······
	FIRST NAME	MIDDLE INITIAL	LAST NAME	
INVENTOR	Charles	К.	Stover	
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gaithersburg	State or Country MD	Zip Code 20878
INVENTOR'S SIG	at a sta	746 DA	те: <i>4/4</i>	16

FULL NAME OF	FIRST NAME Brian	MIDDLE INITIAL	LAST NAM Bishop	E	
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:

Method for Preventing Nosocomial Pneumonia

for which a United States provisional application was filed as provisional patent application number 62/260,935 on November 30, 2015;

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 be granted on 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	FIRST NAME Haisan	MIDDLE INITIAL	LAST NAME Jafri	
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INVENTOR'S SIC	BNATURE:		DATE:	
FULL NAME OF	FIRST NAME	MIDELE INITIAL	LAST NAME	
INVENTOR			- CAGAENdome	
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INVENTOR'S SIG	SPRATURE:		./A (C)	
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	FIRST NAME	MIDDLE INITIAL	UAST NAME	
FULL NAME OF	Michael		McCarthy	
	Michael Street Address	City	McCarity State or	Zip Codi
INVENTOR	Michael Street Address c/c Medimmune LLC		McCaritix State or Country	Zip Code 20878
INVENTOR	Michael Street Address	City	McCarity State or	Zip Code
INVENTOR ADDRESS	Michael Street Address c/c Medimmune LLC	City Gaithersburg	McCarthy State or Country MD	Zip Codi 20878
INVENTOR ADDRESS INVENTOR'S SIG	Michael Street Address c/o Medimmune LLC One Medimmune V/av SNATURE: <u>A C C C</u>	City Gaithersburg	MoCarthy State or Country MD DATE: C 4///	Zip Codi 20878
INVENTOR ADDRESS INVENTOR'S SIG FULL NAME OF	Michael Street Address c/o Medimmune LLC One Medimmune V/av SNATURE: <u>A C C C</u> FIRST NAME Xieng-Qing	City Gaithersburg	McCarthy State or Country MD DATE: C 4//A	Zip Coci 20878
INVENTOR ADDRESS INVENTOR'S SIG	Michael Street Address c/o Medimmune LLG One Medimmune Viav NATURE: <u>A C C C</u> FIRST NAME Xiang-Qing Street Address	City Gaithersburg	MoCarthy State or Country MD DATE: C 4/// DATE: C 4/// LAST NAME Yu State or	
INVENTOR ADDRESS INVENTOR'S SIG FULL NAME OF	Michael Street Address c/c Medimmune LLC One Medimmune V/ay SNATURE: <u>/// C// C</u> FIRST NAME Xiang-Qing Street Address c/o Medimmune, LLC	City Gaithersburg	MoCarthy State or Country MD DATE: C 4/// DATE: C 4/// DATE: C 4/// DATE: C 4/// DATE: C 4/// DATE: C 4///	Zip Coci 20878
INVENTOR ADDRESS INVENTOR'S SIG FULL NAME OF	Michael Street Address c/o Medimmune LLG One Medimmune Viav NATURE: <u>A C C C</u> FIRST NAME Xiang-Qing Street Address	City Gaithersburg	MoCarthy State or Country MD DATE: C 4/// DATE: C 4/// LAST NAME Yu State or	Zip Codi 20878
INVENTOR ADDRESS INVENTOR'S SIG FULL NAME OF INVENTOR ADDRESS	Michael Bireel Address c/c Medimmune LLC One Medimmune Way SNATURE: <u>A C C C</u> FIRST NAME Xiang-Qing Streel Address c/o Medimmune, LLC One Medimmune, LLC One Medimmune, Viev	City Gaithersburg	McCarthy State or Country MD DATE: C.4//A DATE: C.4//A DATE: C.4//A LAST NAME Yu State or Country MD	Zip Cod 20878
INVENTOR ADDRESS INVENTOR'S SIG FULL NAME OF	Michael Bireel Address c/c Medimmune LLC One Medimmune Way SNATURE: <u>A C C C</u> FIRST NAME Xiang-Qing Streel Address c/o Medimmune, LLC One Medimmune, LLC One Medimmune, Viev	City Gaithersburg MIDDLE INITIAL City Gaithersburg	McCarthy State or Country MD DATE: 0.4/// CAST NAME Yu State or Country MD	Zip Codi 20878
INVENTOR ADDRESS INVENTOR'S SIG FULL NAME OF INVENTOR'S SIG	Michael Bireel Address c/c Medimmune LLC One Medimmune Way SNATURE: <u>A C C C</u> FIRST NAME Xiang-Qing Streel Address c/o Medimmune, LLC One Medimmune, LLC One Medimmune, Viev	City Gaithersburg 1 MIDDLE INITIAL City Gaithersburg	McCarthy State or Country MD DATE: C.4//A DATE: C.4//A DATE: C.4//A LAST NAME Yu State or Country MD	
INVENTOR SIG	Michael Street Address c/c Medimmune LLC One Medimmune Vay SNATURE: <u>VCCC</u> FIRST NAME c/c Medimmune, LLC One Medimmune, LLC One Medimmune, LLC SNATURE:	City Gaithersburg MIODLE INITIAL City Gaithersburg	McCarthy State or Country MD DATE: <u>0.4///</u> CAST NAME Yu State or Country MD DATE: LAST NAME	
INVENTOR SIG	Michael Street Address c/c Medimmune LLC One Medimmune Vay SNATURE: <u>VCCC</u> FIRST NAME c/c Medimmune, LLC One Medimmune, LLC One Medimmune, LLC SNATURE: FIRST NAME Charles	City Gaithersburg MIDDLE INITIAL City Gaithereburg	McCarthy State or Country MD DATE: <u>0.4///</u> CAST NAME Yu State or Country MD DATE: LAST NAME Stover	Zip Code 20878

INVENTOR	Brian		LAST NAME Bishop			
ADDRESS	Street Address c/o Medimmune, LLC One Medimmune Way	City Gailhersburg	State or Zip Cod Country 20878 MD			
INVENTOR'S SIGNATURE: DATE:						

ASSIGNMENT

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

Method for Preventing Nosocomial Pneumonia

for which a United States provisional application was filed as provisional patent application number 62/260.935 on November 30, 2015;

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 be granted on 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 Patenis 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.

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	One Medimmune Way		MD	

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FULL NAME OF	FIRST NAME	MIDDLE INITIAL	LAST NAME			
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	One Medimmune Way		MD			
INVENTOR'S SIGNATURE 2011/2016						
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FULL NAME OF	FIRST NAME Charles	MIDDLE INITIAL K	LAST NAME Stover		
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FULL NAME OF	FIRST NAME Brian	MIDDLE INITIAL	LAST NAME Bishop	
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INVENTOR'S SIGNATURE: 20 July 2014				