

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gregory Duke</td><td>10/05/2006</td></tr><tr><td>George Kemble</td><td>10/06/2006</td></tr><tr><td>James Young</td><td>10/04/2006</td></tr><tr><td>Zhaoti Wang</td><td>10/05/2006</td></tr></tbody></table>	Name	Execution Date	Gregory Duke	10/05/2006	George Kemble	10/06/2006	James Young	10/04/2006	Zhaoti Wang	10/05/2006	
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George Kemble	10/06/2006										
James Young	10/04/2006										
Zhaoti Wang	10/05/2006										
RECEIVING PARTY DATA											
Name:	Medimmune Vaccines, Inc.										
Street Address:	One Medimmune Way										
Internal Address:	Legal Affairs										
City:	Gaithersburg										
State/Country:	MARYLAND										
Postal Code:	20878										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11501067</td></tr></tbody></table>	Property Type	Number	Application Number:	11501067							
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Application Number:	11501067										
CORRESPONDENCE DATA											
Fax Number:	(301)398-9306										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Address Line 2:	Legal Affairs										
Address Line 4:	Gaithersburg, MARYLAND 20878										
ATTORNEY DOCKET NUMBER:	FL412CP1										
NAME OF SUBMITTER:	Jonathan Klein-Evans										

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PATENT
REEL: 018511 FRAME: 0983

Total Attachments: 4

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PATENT

REEL: 018511 FRAME: 0984

ASSIGNMENT

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

**METHODS AND COMPOSITIONS FOR EXPRESSING NEGATIVE-SENSE VIRAL RNA
IN CANINE CELLS**

for which an application for United States Letters Patent is filed herewith or an application for United States Letters Patent was filed as application number 11/501,067, on August 9, 2006;

AND WHEREAS, MEDIMMUNE VACCINES, INC. a corporation of Delaware, whose post office address is One MedImmune Way, Gaithersburg, Maryland 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 and in consideration of the sum of one dollar (\$1.00) in hand paid and other 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 or I have not executed and will not execute any agreement in conflict with this Assignment;

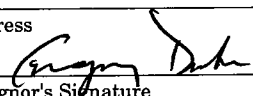
AND We HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to Us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any 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.

Gregory DUKE

Full Name of First Inventor

715 Upland Road
Redwood City, California 94062

Address


Assignor's Signature

Date

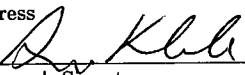
10/05/06
(MM/DD/YY)

George KEMBLE

Full Name of Second Inventor

19585 Via Grande Drive
Saratoga, California 95070

Address


Assignor's Signature

Date

06 OCT 06
(MM/DD/YY)

James YOUNG

Full Name of Third Inventor

9905 River View Court
Potomac, Maryland 20854

Address

Assignor's Signature

Date

(MM/DD/YY)

Zhaoti WANG

Full Name of Fourth Inventor

336 Colorado Avenue
Palo Alto, California

Address

Assignor's Signature

Date

(MM/DD/YY)

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NOW, THEREFORE, be it known that, for and in consideration of the sum of one dollar (\$1.00) in hand paid and other 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 or I 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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