

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2709325

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>CHIN-FEN YANG</td> <td>05/03/2006</td> </tr> <tr> <td>GEORGE KEMBLE</td> <td>05/05/2006</td> </tr> <tr> <td>CHONGGUAN LIU</td> <td>05/05/2006</td> </tr> </tbody> </table>		Name	Execution Date	CHIN-FEN YANG	05/03/2006	GEORGE KEMBLE	05/05/2006	CHONGGUAN LIU	05/05/2006
Name	Execution Date								
CHIN-FEN YANG	05/03/2006								
GEORGE KEMBLE	05/05/2006								
CHONGGUAN LIU	05/05/2006								
RECEIVING PARTY DATA									
Name:	MEDIMMUNE, INC								
Street Address:	ONE MEDIMMUNE WAY								
City:	GAITHERSBURG								
State/Country:	MARYLAND								
Postal Code:	20878								
PROPERTY NUMBERS Total: 3									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13708743</td> </tr> <tr> <td>Application Number:</td> <td>14037222</td> </tr> <tr> <td>Application Number:</td> <td>13329123</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13708743	Application Number:	14037222	Application Number:	13329123
Property Type	Number								
Application Number:	13708743								
Application Number:	14037222								
Application Number:	13329123								
CORRESPONDENCE DATA									
Fax Number:	(612)332-8352								
Phone:	858-201-1330								
Email:	jfeinberg@granllp.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	KARI A. DICKINSON, C/O PORTFOLIO IP								
Address Line 1:	P.O. BOX 52050								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:	MDI-0153-CT4/DV4/CT6								
NAME OF SUBMITTER:	KARI A DICKINSON								

Signature:	/Kari A. Dickinson/
Date:	02/01/2014
<b>Total Attachments: 8</b> source=MDI-0153-UT2_Inv-MedInc#page1.tif source=MDI-0153-UT2_Inv-MedInc#page2.tif source=MDI-0153-UT2_Inv-MedInc#page3.tif source=MDI-0153-UT2_Inv-MedInc#page4.tif source=MDI-0153-UT2_Inv-MedInc#page5.tif source=MDI-0153-UT2_Inv-MedInc#page6.tif source=MDI-0153-UT2_Inv-MedInc#page7.tif source=MDI-0153-UT2_Inv-MedInc#page8.tif	

**PATENT ASSIGNMENT**

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Chin-Fen Yang	05/03/2006								
George Kemble	05/05/2006								
Chongguang Liu	05/05/2006								
<b>RECEIVING PARTY DATA</b>									
Name:	MedImmune, Inc.								
Street Address:	One MedImmune Way								
City:	Gaithersburg								
State/Country:	MARYLAND								
Postal Code:	20878								
<b>PROPERTY NUMBERS Total: 1</b>									
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<b>CORRESPONDENCE DATA</b>									
Fax Number:	(301)398-9306								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	301-398-4156								
Email:	klein-evansj@medimmune.com								
Correspondent Name:	Jonathan Klein-Evans - MedImmune, Inc								
Address Line 1:	One MedImmune Way								
Address Line 4:	Gaithersburg, MARYLAND 20878								
ATTORNEY DOCKET NUMBER:	FL250US2								
NAME OF SUBMITTER:	Jonathan Klein-Evans								
Total Attachments: 6 source=AssignmentYang#page1.tif source=AssignmentYang#page2.tif									

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**500125165**

**PATENT**  
 REEL: 017925 FRAME: 0740  
**PATENT**  
 REEL: 032114 FRAME: 0671

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PATENT  
REEL: 017925 FRAME: 0741  
PATENT  
REEL: 032114 FRAME: 0672

ASSIGNMENT

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

**INFLUENZA HEMAGGLUTININ AND NEURAMINIDASE VARIANTS**

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 11/368,246, on March 6, 2006;

AND WHEREAS, MEDIMMUNE 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 assignee, its successors and assigns.

Chin-Pen YANG  
Full Name of First Inventor

4581 Catalina Drive  
San Jose, CA 95129

Address

Assignor's Signature

Date

George KEMBLER  
Full Name of Second Inventor

18585 Via Grande Drive  
Saratoga, CA 95070

Address

Assignor's Signature

Date

[SIGNATURES CONTINUED]

PATENT  
REEL: 017925 FRAME: 0742  
PATENT  
REEL: 032114 FRAME: 0673

Chongquang LIU

Full Name of Third Inventor

5235 Fairbanks Common  
Fremont, CA 94555

Address

Assignor's Signature

Date

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Chun-Pen YANG Full Name of First Inventor
4581 Cotabna Drive San Jose, CA 95129
Address
Assignor's Signature
Date

George KEMBLE Full Name of Second Inventor
19808 Via Grande Drive Saratoga, CA 95070
Address
Assignor's Signature
Date

[SIGNATURES CONTINUED]

~~Chongguang Ltd~~ C/O 05/05/06  
Full Name of Third Inventor  
Chongguang Ltd  
5235 Fairbanks Common  
Fremont, CA 94555

Address

Assignor's Signature

Date

*Cg Lin*  
05/05/06



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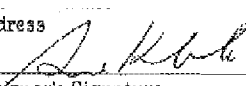
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4581 Catalina Drive San Jose, CA 95129 Address
Assignor's Signature
Date

George KEMBLE Full Name of Second Inventor
19588 Via Grande Drive Saratoga, CA 95070 Address
 Assignor's Signature
05 MAY 06 Date

[SIGNATURES CONTINUED]

<u>Chongguang LIU</u> Full Name of Third Inventor
5235 Fairbanks Common Fremont, CA 94555
_____ Address
_____ Assignor's Signature
_____ Date