

PATENT ASSIGNMENT

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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>Vincent MOULES</td> <td>02/13/2013</td> </tr> <tr> <td>Manuel ROSA-CALATRAVA</td> <td>02/13/2013</td> </tr> <tr> <td>Olivier FERRARIS</td> <td>02/18/2013</td> </tr> <tr> <td>Matthieu YVER</td> <td>02/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vincent MOULES	02/13/2013	Manuel ROSA-CALATRAVA	02/13/2013	Olivier FERRARIS	02/18/2013	Matthieu YVER	02/13/2013
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<table border="1"> <tr> <td>Name:</td> <td>Universite Claude Bernard Lyon 1</td> </tr> <tr> <td>Street Address:</td> <td>43 bvd du 11 Novembre 1918</td> </tr> <tr> <td>City:</td> <td>Villeurbanne</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>69100</td> </tr> </table>		Name:	Universite Claude Bernard Lyon 1	Street Address:	43 bvd du 11 Novembre 1918	City:	Villeurbanne	State/Country:	FRANCE	Postal Code:	69100
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<table border="1"> <tr> <td>Name:</td> <td>Centre National de la Recherche Scientifique (CNRS)</td> </tr> <tr> <td>Street Address:</td> <td>3 rue Michel Ange</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75016</td> </tr> </table>		Name:	Centre National de la Recherche Scientifique (CNRS)	Street Address:	3 rue Michel Ange	City:	Paris	State/Country:	FRANCE	Postal Code:	75016
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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>13809629</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13809629						
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CORRESPONDENCE DATA											

502243965

PATENT
 REEL: 029877 FRAME: 0371

CH \$40.00 13809629

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ATTORNEY DOCKET NUMBER:

007534.00019

NAME OF SUBMITTER:

John P. Iwanicki, Reg. No. 34,628

Total Attachments: 2

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ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

Universite Claude Bernard Lyon 1
of FRANCE

AND

Hospices Civils de Lyon
of FRANCE

AND

Centre National de la Recherche Scientifique (CNRS)
of FRANCE

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in U.S. Application Serial Number 13/809,629 filed January 11, 2013 (Attorney Docket No. 007534.00019) entitled:

Modified Viral Strains and Method for Improving the Production of Vaccine Seeds of Influenza Virus

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, including all continuations, continuations-in-part, and divisions on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, if not already present.

The undersigned warrants to be the owner of the entire right, title and interest in said invention or improvements herein assigned and to have the right to make this assignment, and

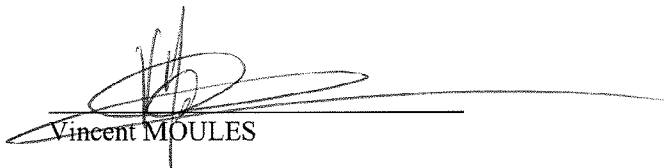
Assignment of Rights to Invention

Attorney Docket No. 007534.00019

further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: 13/02/13
(month/day/year)


Vincent MOULES

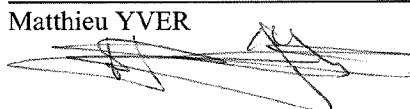
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Manuel ROSA-CALATRAVA

Date: 02/18/2013
(month/day/year)


Olivier FERRARIS

Date: 13/02/2013
(month/day/year)


Matthieu YVER