

## 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>Vidadi Yusibov</td> <td>07/31/2012</td> </tr> <tr> <td>Vadim Mett</td> <td>08/09/2012</td> </tr> <tr> <td>Jessica Chichester</td> <td>07/31/2012</td> </tr> <tr> <td>Lauren Goldschmidt</td> <td>07/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vidadi Yusibov	07/31/2012	Vadim Mett	08/09/2012	Jessica Chichester	07/31/2012	Lauren Goldschmidt	07/31/2012
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<table border="1"> <tr> <td>Name:</td> <td>Fraunhofer USA, Inc</td> </tr> <tr> <td>Street Address:</td> <td>44792 Helm Street</td> </tr> <tr> <td>City:</td> <td>Plymouth</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48170</td> </tr> </table>		Name:	Fraunhofer USA, Inc	Street Address:	44792 Helm Street	City:	Plymouth	State/Country:	MICHIGAN	Postal Code:	48170
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CORRESPONDENCE DATA											
<p>Fax Number: 8777697945          Phone: (612) 335-5070          Email: cahill@fr.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Lindsie Cahill          Address Line 1: FISH &amp; RICHARDSON P.C.          Address Line 2: P.O.BOX 1022          Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	24990-0056US1										
NAME OF SUBMITTER:	Lindsie Cahill										

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Total Attachments: 5

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**PATENT**

**REEL: 028877 FRAME: 0313**

## ASSIGNMENT

For valuable consideration, we, Vidadi Yusibov, of 1808 Manor Road, Havertown, PA 19083, Vadim Mett, of 115 Wedgewood Road, Newark, DE 19711, Jessica Chichester, of 9 Innovation Way, Suite 100, Newark, DE 19711 and Lauren Goldschmidt, of 4033 Lasher Road Drexel Hill, PA 19026 hereby assign to FRAUNHOFER USA, INC., a corporation of Rhode Island, having a place of business at 44792 Helm Street, Plymouth, MI 48170, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled INFLUENZA HEMAGGLUTININ ANTIBODIES, COMPOSITIONS AND RELATED METHODS, filed March 29, 2012, and assigned U.S. Serial Number 13/498,946, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.


DATE: 7/31/12

  
VIDADI YUSIBOV

STATE OF Delaware )  
COUNTY OF New Castle ) SS.

On July 31, 2012, before me, the undersigned, a notary public for the State of DE, there personally appeared VIDADI YUSIBOV personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public

MICHAEL MAMMOCCIO  
NOTARY PUBLIC, STATE OF DELAWARE  
My commission expires on May 17, 2013

DATE: August 9, 2012

*Vadim Mett*  
VADIM METT

STATE OF New York )  
COUNTY OF Eric ) SS.

On August 9, 2012, before me, the undersigned, a notary public for the State of NY, there personally appeared VADIM METT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

AMANDA L SCHATZ  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 015C6241100  
Qualified In Erie County  
My Commission Expires 05/16/15

*Amanda L Schatz*  
Notary Public

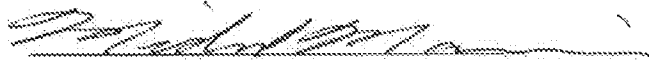
DATE: 31 JUL 12

  
JESSICA CHICHESTER

STATE OF Delaware )  
COUNTY OF New Castle ) SS.

On July 31, 2012, before me, the undersigned, a notary public for the State of DE, there personally appeared JESSICA CHICHESTER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public

MICHAEL MAMMOCCIO  
NOTARY PUBLIC, STATE OF DELAWARE  
My commission expires on May 17, 2013

DATE: 31 July 12

Lauren Goldschmidt  
LAUREN GOLDSCHMIDT

STATE OF Delaware )  
COUNTY OF New Castle ) SS.

On July 31, 2012, before me, the undersigned, a notary public for the State of DE, there personally appeared LAUREN GOLDSCHMIDT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Michael Mammoccio  
Notary Public

MICHAEL MAMMOCCIO  
NOTARY PUBLIC, STATE OF DELAWARE  
My commission expires on May 17, 2013

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