

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT     |               |                   |                     |                    |                            |            |                    |            |              |            |
|---|--------------------|---------------|-------------------|---------------------|--------------------|----------------------------|------------|--------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT         |               |                   |                     |                    |                            |            |                    |            |              |            |
| <b>CONVEYING PARTY DATA</b>   |                    |               |                   |                     |                    |                            |            |                    |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Judith M. Gottwein</td> <td>11/16/2009</td> </tr> <tr> <td>Troels Kasper Hoyer Scheel</td> <td>11/16/2009</td> </tr> <tr> <td>Jesper Eugen-Olsen</td> <td>11/17/2009</td> </tr> <tr> <td>Jens Bukh</td> <td>11/16/2009</td> </tr> </tbody> </table> |                    | Name          | Execution Date    | Judith M. Gottwein  | 11/16/2009         | Troels Kasper Hoyer Scheel | 11/16/2009 | Jesper Eugen-Olsen | 11/17/2009 | Jens Bukh    | 11/16/2009 |
| Name  | Execution Date     |               |                   |                     |                    |                            |            |                    |            |              |            |
| Judith M. Gottwein  | 11/16/2009         |               |                   |                     |                    |                            |            |                    |            |              |            |
| Troels Kasper Hoyer Scheel  | 11/16/2009         |               |                   |                     |                    |                            |            |                    |            |              |            |
| Jesper Eugen-Olsen  | 11/17/2009         |               |                   |                     |                    |                            |            |                    |            |              |            |
| Jens Bukh   | 11/16/2009         |               |                   |                     |                    |                            |            |                    |            |              |            |
| <b>RECEIVING PARTY DATA</b>   |                    |               |                   |                     |                    |                            |            |                    |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hvidovre Hospital</td> </tr> <tr> <td>Street Address:</td> <td>Kettegards Alle 30</td> </tr> <tr> <td>City:</td> <td>Hvidovre</td> </tr> <tr> <td>State/Country:</td> <td>DENMARK</td> </tr> <tr> <td>Postal Code:</td> <td>DK-2650</td> </tr> </table>  |                    | Name:         | Hvidovre Hospital | Street Address:     | Kettegards Alle 30 | City:                      | Hvidovre   | State/Country:     | DENMARK    | Postal Code: | DK-2650    |
| Name:   | Hvidovre Hospital  |               |                   |                     |                    |                            |            |                    |            |              |            |
| Street Address:   | Kettegards Alle 30 |               |                   |                     |                    |                            |            |                    |            |              |            |
| City:   | Hvidovre           |               |                   |                     |                    |                            |            |                    |            |              |            |
| State/Country:  | DENMARK            |               |                   |                     |                    |                            |            |                    |            |              |            |
| Postal Code:  | DK-2650            |               |                   |                     |                    |                            |            |                    |            |              |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                    |               |                   |                     |                    |                            |            |                    |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12595822</td> </tr> </tbody> </table>   |                    | Property Type | Number            | Application Number: | 12595822           |                            |            |                    |            |              |            |
| Property Type   | Number             |               |                   |                     |                    |                            |            |                    |            |              |            |
| Application Number:   | 12595822           |               |                   |                     |                    |                            |            |                    |            |              |            |
| <b>CORRESPONDENCE DATA</b>  |                    |               |                   |                     |                    |                            |            |                    |            |              |            |
| <p>Fax Number: (949)760-9502</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-760-04040</p> <p>Email: efiling@kmob.com</p> <p>Correspondent Name: Eric S. Furman</p> <p>Address Line 1: Knobbe Martens Olson &amp; Bear LLP</p> <p>Address Line 2: 2040 Main Street, 14th Floor</p> <p>Address Line 4: Irvine, CALIFORNIA 92614</p>  |                    |               |                   |                     |                    |                            |            |                    |            |              |            |
| ATTORNEY DOCKET NUMBER:   | PLOUG36.004APC     |               |                   |                     |                    |                            |            |                    |            |              |            |
| NAME OF SUBMITTER:  | eric furman        |               |                   |                     |                    |                            |            |                    |            |              |            |
| Total Attachments: 5  |                    |               |                   |                     |                    |                            |            |                    |            |              |            |

OP \$40.00 12595822

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**PATENT**  
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Application No.: 12/595,822  
Filing Date: October 13, 2009

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Client Code: PLOUG36.004APC  
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#### ASSIGNMENT

WHEREAS, We, **JUDITH M. GOTTWEIN**, a citizen of Germany, having a mailing address of Halls Allé 12, 2. tv., DK-1802, Frederiksberg C, Denmark, **TROELS KASPER HØYER SCHEEL**, a citizen of Denmark, having a mailing address of Thoravej 6, 2. Sal - 9, DK-2400, Copenhagen Nv, Denmark, **JESPER EUGEN-OLSEN**, a citizen of Denmark, having a mailing address of Vedbendvej 14, DK-2900, Hellerup, Denmark, and **JENS BUKH**, a citizen of Denmark, having a mailing address of Mønvej 28, DK-4720, Præstø, Denmark, have invented certain new and useful improvements in CELL CULTURE SYSTEM OF A HEPATITIS C GENOTYPE 3A AND 2A CHIMERA for which we have filed an application for Letters Patent in the United States, Application No. 12/595,822, filed on October 13, 2009; an International Patent Application, PCT/DK2008/050083, filed on April 11, 2008; a Danish Patent Application, PA 2007 00544, filed on April 13, 2007; and Danish Patent Application, PA 2007 01100, filed on July 27, 2007.

AND WHEREAS, **HVIDOVRE HOSPITAL** (hereinafter "ASSIGNEE"), a Danish company, with its principal place of business at Kettegårds Allé 30, DK-2650 Hvidovre, Denmark, desires to acquire the entire right, title, and interest in and to said improvements and said Applications:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, said inventors, do hereby acknowledge that they have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, their successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said applications including all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, their successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, their successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.


Application No.: 12/595,822  
Filing Date: October 13, 2009

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Client Code: PLOUG36.004APC  
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AGREED on this 16 day of Nov, 2009.

Witnessed by:

  
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JUDITH M. GOTTWEIN

Application No.: 12/595,822  
Filing Date: October 13, 2009

PATENT  
Client Code: PLOUG36,004APC  
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AGREED on this 16. day of November, 2009.

  
TROELS KASPER HØYER SCHEEL

Witnessed by:

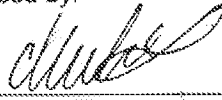
  
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Page 4

AGREED on this 17 day of NOV, 20 09.

Witnessed by:

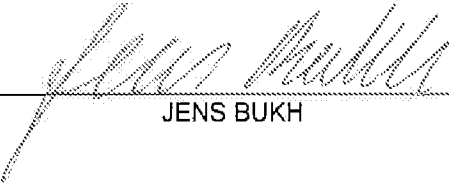


  
JESPER EUGEN-OLSEN

Application No.: 12/595,822  
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AGREED on this 16 day of November, 2009.

  
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JENS BUEH

Witnessed by:

  
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