

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tobias Allander</td> <td>08/07/2006</td> </tr> <tr> <td>Bjorn Andersson</td> <td>08/07/2006</td> </tr> </tbody> </table>		Name	Execution Date	Tobias Allander	08/07/2006	Bjorn Andersson	08/07/2006
Name	Execution Date						
Tobias Allander	08/07/2006						
Bjorn Andersson	08/07/2006						
RECEIVING PARTY DATA							
Name:	Karolinska Institutet Innovations AB						
Street Address:	Fogdevreten 2B						
Internal Address:	SE-171 77						
City:	Stockholm						
State/Country:	SWEDEN						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12094135</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12094135		
Property Type	Number						
Application Number:	12094135						
CORRESPONDENCE DATA							
Fax Number:	(215)563-4044						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(215) 563-4100						
Email:	KRigaut@ddhs.com						
Correspondent Name:	Kathleen D. Rigaut, Ph.D., J.D.						
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ATTORNEY DOCKET NUMBER:	0380-P03917US1						
NAME OF SUBMITTER:	Kathleen D. Rigaut, Ph.D., J.D.						

Total Attachments: 6
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**ASSIGNMENT OF INVENTION
AND RELATED INTELLECTUAL PROPERTY RIGHTS**

Parties:

1 'The Assignor'

ALLANDER, Tobias
Of Klinisk Mikrobiologi, L2:02, Karolinska Universitetssjukhuset, Solna, 171 76
Stockholm, Sweden.

2 'The Assignee'

KAROLINSKA INSTITUTET INNOVATIONS AB
Of Fogdevreten 2B, SE-171 77, Stockholm, Sweden.

Recitals:

(A) The Assignor is the inventor or a joint inventor of the invention or inventions entitled Human Bocavirus And Methods of Diagnosis And Treatment, ("the Invention") for which International PCT Application No. PCT/EP2006/008074 has been filed ("the PCT Application")

(B) In pursuance of an agreement made between the parties before the PCT Application was filed the Assignor has agreed to assign to the Assignee for the consideration hereinafter mentioned all his rights title and interest in to and under the Invention and the PCT Application for all countries designated therein including (without limitation) the United States of America.

Operative provisions:

In consideration for the payment of £1.00 by the Assignee to the Assignor the receipt and sufficiency of which is hereby acknowledged by the Assignor:

1 The Assignor hereby sells and assigns to the Assignee absolutely and free from incumbrances:

1.1 all his rights title and interest in Canada and the United States and all other countries of the world in to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued there from including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

1.2 all such rights as he may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

1.3 all such rights as he may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

2 The Assignor hereby GRANTS the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any patent applications in Canada or the United States or any other countries or regions of the world which fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other Patent Office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have represented only the Assignee and will continue to represent only the Assignee with respect to this invention.

3 The Assignor hereby UNDERTAKES that at the request and cost of the Assignee or its successors or assigns he will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

4 The Assignor hereby requests the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.

5 This assignment and undertaking shall be binding upon the Assignor's heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto

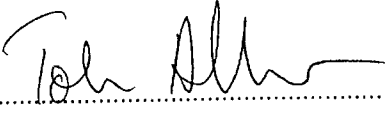
SCHEDULE
The Patent Applications

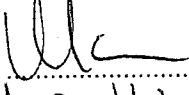
United States of America

US 60/737, 576

filed 17 November 2005

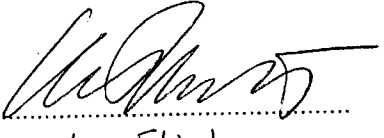
SIGNED by)
the ASSIGNOR)
at: Stockholm)
on: Aug. 7, 2006)
in the presence of:)

Signature: 

Witness
Signature: 

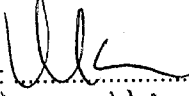
Name: Marie-Helene Lodmark
Address: Gustavav. 50
178 31 Ekert

SIGNED for and on behalf of)
the ASSIGNEE)
at: Stockholm)
on: Aug 7, 2006)

Signature: 

in the presence of:)

Name: Ola Flink
Position: Managing Director

Witness
Signature: 

Name: Marie-Helene Lodmark
Address: Gustavav. 50
178 31 Ekert

**ASSIGNMENT OF INVENTION
AND RELATED INTELLECTUAL PROPERTY RIGHTS**

Parties:

1 'The Assignor'

ANDERSSON, Björn

*Institutionen för Cell- och molekylärbiologi
Karolinska Institutet
Berzelius vag 35
171 77 Stockholm
SWEDEN*

2 'The Assignee'

Karolinska Institutet Innovations AB

*171 77 Stockholm
SWEDEN*

Recitals:

(A) The Assignor is the inventor or a joint inventor of the invention or inventions entitled *Human Bocavirus and Methods of Diagnosis and Treatment*.

which is described in the draft patent specification annexed hereto ("the Invention") and for which the patent application(s) set out in the Schedule hereto have been filed ("the Patent Application(s)")

(B) The Assignee intends to file an international PCT application for the Invention ("the PCT Application")

(C) The Assignor has agreed to assign to the Assignee for the consideration hereinafter mentioned all his rights title and interest in to and under the Invention, the Patent Application(s) and the PCT Application

Operative provisions:

In consideration for the payment of £1.00 by the Assignee to the Assignor the receipt and sufficiency of which is hereby acknowledged by the Assignor:

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1.1 all his rights title and interest in Canada and the United States and all other countries of the world in to and under the Invention and the Patent Application(s) and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies

in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

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to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

2 The Assignor hereby GRANTS the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in Canada or the United States or any other countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other Patent Office for recordation of this document. It is understood and agreed that the Assignee's attorneys Mewburn Ellis LLP have represented only the Assignee and will continue to represent only the Assignee with respect to this invention.

3 The Assignor hereby UNDERTAKES that at the request and cost of the Assignee or its successors or assigns he will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

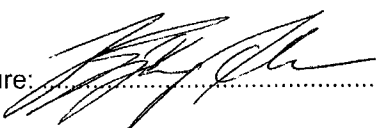
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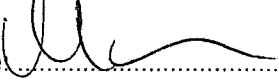
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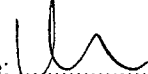
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The Patent Applications

United States of America US 60/737, 576 filed 17 November 2005

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in the presence of:)

Witness
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Name: Marie-Helene Lodmark
Address: Gustavav. 50
17831 Ekerö
Name: Ola Flink
Position: Managing Director