

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Angela Brooks-Wilson	06/14/2005
Caroline Astell	05/05/2005
Rachel Roper	05/14/2004
Robert Brunham	05/04/2004
Robert Holt	06/06/2005
Steven Jones	05/30/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BRITISH COLUMBIA CANCER AGENCY BRANCH
<b>Street Address:</b>	600 West 10th Avenue
<b>City:</b>	Vancouver
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V5Z 4E6
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10555073
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)345-1300
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	617-345-6054
<b>Email:</b>	hallan@nixonpeabody.com
<b>Correspondent Name:</b>	Ronald Eisenstein
<b>Address Line 1:</b>	100 Summer Street
<b>Address Line 2:</b>	Nixon Peabody LLP
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	030841-054132-US

**CH \$40.00 10555073**

**501442031**

**PATENT  
 REEL: 025826 FRAME: 0663**

NAME OF SUBMITTER:

Leena H. Karttunen Contarino/

**Total Attachments: 12**

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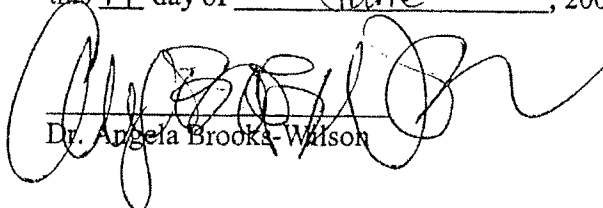
ASSIGNMENT

WHEREAS, I, **Dr. Angela Brooks-Wilson**, whose full post office address is 7100 Langton Road, Richmond, British Columbia V7C 4B2, Canada, have contributed to the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, and my inventorship in the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733, is yet to be determined;

AND WHEREAS, I, Dr. Angela Brooks-Wilson for good and valuable consideration, the receipt and sufficiency of which is acknowledged, do hereby sell, transfer and assign (respectively) to the British Columbia Cancer Agency Branch (the "Assignee"), whose full post office address is 600 West 10<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5Z 4E6, all my interest in my invention(s), if any, and developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the invention(s) and developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733 and I grant to the Assignee all my right, title and interest in any and all intellectual property therein, including any and all patents or applications (including reissues, conversions, divisions, renewals or extensions of such patents) or utility models, in any country, together with the right to claim priority to any such applications; and I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith;

AND WHEREAS, I agree to do any reasonable act required to aid the Assignee, its successors, assigns and legal representatives to obtain and enforce title and proper legal protection for said invention(s) and developments in any country; and I covenant that I will, execute and deliver all such papers as may be necessary to perfect title to said invention(s) and developments, and any future improvement(s) thereto, in the Assignee(s), its successors, assigns, nominees or legal representatives, when reasonably required to do so; and I agree to communicate to the Assignee(s), or its nominees, all facts respecting said invention(s) and developments, and any future improvement(s) thereto, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all oaths, and generally make reasonable efforts to aid the Assignee, its successors, assigns, nominees and legal representatives when such efforts are required to obtain and enforce for its own benefit, proper patent or other intellectual property protection for said invention(s) and developments in any and all countries, all at the expense, however, of the Assignee(s) or its successors, assigns, nominees or legal representatives; and the Assignee(s) or its successors, assigns, nominees or legal representatives will make best efforts to minimise the burden posed in meeting these requirements .

EXECUTED at Vancouver, BC  
this 14 day of June, 2005.

  
Dr. Angela Brooks-Wilson

**STATEMENT OF WITNESS**

On this 14 day of June, 2005, before me, personally appeared Dr. Angela Brooks-Wilson known to me to be the individual who executed the foregoing instrument.

Chantale Despres  
Signature of Witness

Print name of witness: Chantale Despres

ASSIGNMENT

WHEREAS, I, Dr. Caroline Astell, whose full post office address is 4832 Blenheim Street, Vancouver, British Columbia V6L 3A7, Canada, have contributed to the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, and my inventorship in the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733, is yet to be determined;

AND WHEREAS, I, Dr. Caroline Astell for good and valuable consideration, the receipt and sufficiency of which is acknowledged, do hereby sell, transfer and assign (respectively) to the British Columbia Cancer Agency Branch (the "Assignee"), whose full post office address is 600 West 10<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5Z 4E6, all my interest in my invention(s), if any, and developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the invention(s) and developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733 and I grant to the Assignee all my right, title and interest in any and all intellectual property therein, including any and all patents or applications (including reissues, conversions, divisions, renewals or extensions of such patents) or utility models, in any country, together with the right to claim priority to any such applications; and I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith;

AND WHEREAS, I agree to do any reasonable act required to aid the Assignee, its successors, assigns and legal representatives to obtain and enforce title and proper legal protection for said invention(s) and developments in any country; and I covenant that I will, execute and deliver all such papers as may be necessary to perfect title to said invention(s) and developments, and any future improvement(s) thereto, in the Assignee(s), its successors, assigns, nominees or legal representatives, when reasonably required to do so; and I agree to communicate to the Assignee(s), or its nominees, all facts respecting said invention(s) and developments, and any future improvement(s) thereto, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all oaths, and generally make reasonable efforts to aid the Assignee, its successors, assigns, nominees and legal representatives when such efforts are required to obtain and enforce for its own benefit, proper patent or other intellectual property protection for said invention(s) and developments in any and all countries, all at the expense, however, of the Assignee(s) or its successors, assigns, nominees or legal representatives; and the Assignee(s) or its successors, assigns, nominees or legal representatives will make best efforts to minimise the burden posed in meeting these requirements.

EXECUTED at Vancouver, British Columbia  
this 5 day of May, 2005.

Caroline Astell  
Dr. Caroline Astell

STATEMENT OF WITNESS

On this 5 day of May, 2005, before me, personally appeared Dr. Caroline Astell known to me to be the individual who executed the foregoing instrument.

Rosemary Eddie  
Signature of Witness

Print name of witness: ROSEMARY EDDIE

ASSIGNMENT

WHEREAS, I, \_\_\_\_\_ Dr. Rachel Roper, whose full post office address is 600 Moye Blvd, Brody Medical Science, Microbiology & Immunology, Greenville, NC 27858, have contributed to the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, and my inventorship in the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733, is yet to be determined;

AND WHEREAS, I, for good and valuable consideration, the receipt and sufficiency of which is acknowledged, do hereby sell, transfer and assign (respectively) to the British Columbia Cancer Agency Branch (the "Assignee"), whose full post office address is 600 West 10<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5Z 4E6, all my interest in my invention(s), if any, and developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the invention(s) and developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733 and I grant to the Assignee all my right, title and interest in any and all intellectual property therein, including any and all patents or applications (including reissues, conversions, divisions, renewals or extensions of such patents) or utility models, in any country, together with the right to claim priority to any such applications; and I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith;

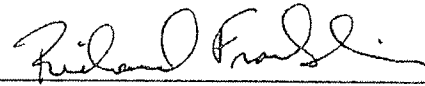
AND WHEREAS, I agree to do any act required to aid the Assignee, its successors, assigns and legal representatives to obtain and enforce title and proper legal protection for said invention(s) and developments, in any country; and I covenant that I will, each time a request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect title to said invention(s) and developments, in the Assignee(s), its successors, assigns, nominees or legal representatives; and I agree to communicate to the Assignee(s), or its nominees, all facts respecting said invention(s) and developments, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its own benefit, proper patent or other intellectual property protection for said invention(s) and developments, in any and all countries, all at the expense, however, of the Assignee(s) or its successors, assigns, nominees or legal representatives.

EXECUTED at East Carolina University  
this 14 day of May, 2004.

Rachel L. Roper

STATEMENT OF WITNESS

On this 14 day of May, 2004, before me, personally appeared **Dr. Rachel Roper**, known to me to be the individual who executed the foregoing instrument.



Signature of Witness

Print name of witness:

RICHARD FRANKLIN



ASSIGNMENT

WHEREAS, I, **Dr. Robert Brunham**, whose full post office address is 1919 Whyte Avenue, Vancouver, British Columbia V6J 1B4, Canada, have contributed to the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, and my inventorship in the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733, is yet to be determined;

AND WHEREAS, I, Dr. Robert Brunham for good and valuable consideration, the receipt and sufficiency of which is acknowledged, do hereby sell, transfer and assign (respectively) to the British Columbia Cancer Agency Branch (the "Assignee"), whose full post office address is 600 West 10<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5Z 4E6, all my interest in my invention(s), if any, and developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the invention(s) and developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733 and I grant to the Assignee all my right, title and interest in any and all intellectual property therein, including any and all patents or applications (including reissues, conversions, divisions, renewals or extensions of such patents) or utility models, in any country, together with the right to claim priority to any such applications; and I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith;

AND WHEREAS, I agree to do any reasonable act required to aid the Assignee, its successors, assigns and legal representatives to obtain and enforce title and proper legal protection for said invention(s) and developments in any country; and I covenant that I will, execute and deliver all such papers as may be necessary to perfect title to said invention(s) and developments, and any future improvement(s) thereto, in the Assignee(s), its successors, assigns, nominees or legal representatives, when reasonably required to do so; and I agree to communicate to the Assignee(s), or its nominees, all facts respecting said invention(s) and developments, and any future improvement(s) thereto, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all oaths, and generally make reasonable efforts to aid the Assignee, its successors, assigns, nominees and legal representatives when such efforts are required to obtain and enforce for its own benefit, proper patent or other intellectual property protection for said invention(s) and developments in any and all countries, all at the expense, however, of the Assignee(s) or its successors, assigns, nominees or legal representatives; and the Assignee(s) or its successors, assigns, nominees or legal representatives will make best efforts to minimise the burden posed in meeting these requirements .

EXECUTED at Vancouver, British Columbia  
this 04 day of May, 2004.

Robert C Brunham  
Dr. Robert Brunham

**STATEMENT OF WITNESS**

On this 4<sup>th</sup> day of Aug, 2005, before me, personally appeared Dr. Robert Brunham known to me to be the individual who executed the foregoing instrument.



Signature of Witness

Print name of witness:

Kimberly I. [unclear]

ASSIGNMENT

WHEREAS, I, Dr. Robert Holt, whose full post office address is 1601 Appin Road, North Vancouver, British Columbia V7J 2T7, Canada, have contributed to the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, and my inventorship in the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733, is yet to be determined;

AND WHEREAS, I, Dr. Robert Holt for good and valuable consideration, the receipt and sufficiency of which is acknowledged, do hereby sell, transfer and assign (respectively) to the British Columbia Cancer Agency Branch (the "Assignee"), whose full post office address is 600 West 10<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5Z 4E6, all my interest in my invention(s), if any, and developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the invention(s) and developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733 and I grant to the Assignee all my right, title and interest in any and all intellectual property therein, including any and all patents or applications (including reissues, conversions, divisions, renewals or extensions of such patents) or utility models, in any country, together with the right to claim priority to any such applications; and I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith;

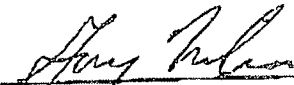
AND WHEREAS, I agree to do any reasonable act required to aid the Assignee, its successors, assigns and legal representatives to obtain and enforce title and proper legal protection for said invention(s) and developments in any country; and I covenant that I will, execute and deliver all such papers as may be necessary to perfect title to said invention(s) and developments, and any future improvement(s) thereto, in the Assignee(s), its successors, assigns, nominees or legal representatives, when reasonably required to do so; and I agree to communicate to the Assignee(s), or its nominees, all facts respecting said invention(s) and developments, and any future improvement(s) thereto, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all oaths, and generally make reasonable efforts to aid the Assignee, its successors, assigns, nominees and legal representatives when such efforts are required to obtain and enforce for its own benefit, proper patent or other intellectual property protection for said invention(s) and developments in any and all countries, all at the expense, however, of the Assignee(s) or its successors, assigns, nominees or legal representatives; and the Assignee(s) or its successors, assigns, nominees or legal representatives will make best efforts to minimise the burden posed in meeting these requirements .

EXECUTED at GENOME SERVICES CTR. Vancouver  
this 6 day of JUNE, 2005.

Robert Holt  
Dr. Robert Holt

**STATEMENT OF WITNESS**

On this 6<sup>th</sup> day of June, 2006, before me, personally appeared Dr. Robert Holt known to me to be the individual who executed the foregoing instrument.

Signature of Witness:   
Print name of witness: Gary Wilson


ASSIGNMENT

WHEREAS, I, Dr. Steven Jones, whose full post office address is 1361 Wynbrook Place, Burnaby, British Columbia V5A 3Y6, Canada, have contributed to the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, and my inventorship in the developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733, is yet to be determined;

AND WHEREAS, I, Dr. Steven Jones for good and valuable consideration, the receipt and sufficiency of which is acknowledged, do hereby sell, transfer and assign (respectively) to the British Columbia Cancer Agency Branch (the "Assignee"), whose full post office address is 600 West 10<sup>th</sup> Avenue, Vancouver, British Columbia, Canada V5Z 4E6, all my interest in my invention(s), if any, and developments relating to the SARS Virus Nucleotide and Amino Acid Sequences and Uses Thereof, including the invention(s) and developments disclosed in U.S. Provisional Application Nos. 60/465,783 and 60/466,733 and I grant to the Assignee all my right, title and interest in any and all intellectual property therein, including any and all patents or applications (including reissues, conversions, divisions, renewals or extensions of such patents) or utility models, in any country, together with the right to claim priority to any such applications; and I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith;

AND WHEREAS, I agree to do any reasonable act required to aid the Assignee, its successors, assigns and legal representatives to obtain and enforce title and proper legal protection for said invention(s) and developments in any country; and I covenant that I will, execute and deliver all such papers as may be necessary to perfect title to said invention(s) and developments, and any future improvement(s) thereto, in the Assignee(s), its successors, assigns, nominees or legal representatives, when reasonably required to do so; and I agree to communicate to the Assignee(s), or its nominees, all facts respecting said invention(s) and developments, and any future improvement(s) thereto, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all oaths, and generally make reasonable efforts to aid the Assignee, its successors, assigns, nominees and legal representatives when such efforts are required to obtain and enforce for its own benefit, proper patent or other intellectual property protection for said invention(s) and developments in any and all countries, all at the expense, however, of the Assignee(s) or its successors, assigns, nominees or legal representatives; and the Assignee(s) or its successors, assigns, nominees or legal representatives will make best efforts to minimise the burden posed in meeting these requirements .

EXECUTED at 570 W. 7<sup>TH</sup> AVENUE, VANCOUVER BC  
this 30<sup>TH</sup> day of MAY, 2005.

  
\_\_\_\_\_  
Dr. Steven Jones

STATEMENT OF WITNESS

On this 30<sup>th</sup> day of MAY, 2005, before me, personally appeared Dr. Steven Jones known to me to be the individual who executed the foregoing instrument.



\_\_\_\_\_  
Signature of Witness

Print name of witness: CHARLOTTE WRIGHT