

## 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>Mr. Neil W. ROSS</td><td>10/03/2005</td></tr><tr><td>Mr. Stewart C. JOHNSON</td><td>10/03/2005</td></tr><tr><td>Mr. Mark D. FAST</td><td>10/05/2005</td></tr><tr><td>Ms. Kathryn Vanya EWART</td><td>10/03/2005</td></tr></tbody></table>		Name	Execution Date	Mr. Neil W. ROSS	10/03/2005	Mr. Stewart C. JOHNSON	10/03/2005	Mr. Mark D. FAST	10/05/2005	Ms. Kathryn Vanya EWART	10/03/2005
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Ms. Kathryn Vanya EWART	10/03/2005										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>NATIONAL RESEARCH COUNCIL OF CANADA</td></tr><tr><td>Street Address:</td><td>1200 Montreal Road</td></tr><tr><td>City:</td><td>Ottawa</td></tr><tr><td>State/Country:</td><td>CANADA</td></tr><tr><td>Postal Code:</td><td>K1A 0R6</td></tr></table>		Name:	NATIONAL RESEARCH COUNCIL OF CANADA	Street Address:	1200 Montreal Road	City:	Ottawa	State/Country:	CANADA	Postal Code:	K1A 0R6
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PROPERTY NUMBERS Total: 1											
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Application Number:	11572719										
CORRESPONDENCE DATA											
Fax Number: (613)787-3558 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	PAT 2116W-2										
NAME OF SUBMITTER:	Angela Armstrong-Baker										

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PATENT  
REEL: 018808 FRAME: 0831

**Total Attachments: 3**

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ASSIGNMENT

We:

- |  |   |
|--|---|
| 1) Neil W. ROSS<br>20 Redwood Avenue<br>Halifax, Nova Scotia, B2P 1Y4<br>CANADA                | 2) Stewart C. JOHNSON<br>15 Jonathan Avenue<br>Shad Bay, Nova Scotia, B3T 2B5<br>CANADA |
| 3) Mark D. FAST<br>202 Water Havill Drive, Suite 911<br>Halifax Nova Scotia, B3N 3M4<br>CANADA | 4) Kathryn Vanya EWART<br>6501 Oak Street<br>Halifax, Nova Scotia, B3L 1H5<br>CANADA    |

for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell and assign to:

NATIONAL RESEARCH COUNCIL OF CANADA  
1200 Montreal Road  
Ottawa, Ontario, K1A 0R6  
CANADA

all our right, title and interest in the United States of America, Canada, and all countries foreign thereto, in and to the invention disclosed in International Patent Application No. PCT/CA2005/001178 filed July 28, 2005, relating to and entitled:

**RECOMBINANT VACCINES AGAINST CALIGID COPEPODS  
(SEA LICE) AND ANTIGEN SEQUENCES THEREOF**

and claiming priority from:

United States Provisional Patent Application No. 60/591,626, filed July 28, 2004, relating to and entitled: **RECOMBINANT VACCINES AGAINST CALIGID COPEPODS (SEA LICE) AND ANTIGEN SEQUENCES THEREOF**

and to any application for patent arising therefrom, and to all our corresponding right, title and interest in and to any patent issued therefrom, and to any patent issued from a continuation, continuation-in-part, re-issue, divisional or re-examination application derived from or claiming priority to the above application.

We authorize the firm of Borden Ladner Gervais LLP to insert any further identification necessary to make this assignment suitable for recordation in the Patent Offices of any country as may be required.

SIGNED at

Halifax  
City or Town

Canada  
Country

this 3<sup>RD</sup> day of October, 2005

Neil W. ROSS  
Neil W. ROSS

STATEMENT BY WITNESS

I,

Denise Lalonde  
(name of witness)

whose full post office address  
is

130 Royal Donagh Drive

Hammonds Plains NS B4B1X4 Canada

was personally present and did see **Neil W. ROSS** execute the within  
assignment and such assignor is personally known to me to be the person  
described in such document.

Denise Lalonde  
Signature of Witness

SIGNED at

Halifax  
City or Town

Nova Scotia Canada  
Country

this 3 day of October, 2005

Stewart C. JOHNSON  
Stewart C. JOHNSON

STATEMENT BY WITNESS

I,

Denise Lalonde  
(name of witness)

whose full post office address  
is

130 Royal Donagh Drive

Hammonds Plains NS B4B1X4 Canada

was personally present and did see **Stewart C. JOHNSON** execute the  
within assignment and such assignor is personally known to me to be the  
person described in such document.

Denise Lalonde  
Signature of Witness

SIGNED at

HALIFAX  
City or Town

Country

this

5 day of October, 2005

Mark D. FAST  
Mark D. FAST

**STATEMENT BY WITNESS**

I,

Denise Lalanne  
(name of witness)

whose full post office address  
is

120 Royal Dominion Drive

Hammonds Plains, NS B1B1X4 Canada

was personally present and did see **Mark D. FAST** execute the within assignment and such assignor is personally known to me to be the person described in such document.

Denise Lalanne  
Signature of Witness

SIGNED at

Halifax  
City or Town

Canada  
Country

this

3<sup>rd</sup> day of Oct, 2005

KV Ewart  
Kathryn Vanya EWART

**STATEMENT BY WITNESS**

I,

Denise Lalanne  
(name of witness)

whose full post office address  
is

120 Royal Dominion Drive

Hammonds Plains, NS B1B1X4 Canada

was personally present and did see **Kathryn Vanya EWART** execute the within assignment and such assignor is personally known to me to be the person described in such document.

Denise Lalanne  
Signature of Witness

**Please Complete and Return the Executed Form to Borden Ladner Gervais LLP**