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Our Ref.: 2344-33

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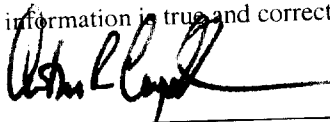
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): David F. HORROBIN Hans-Jurgen TRITSCHLER</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: _____ March 15, 2000</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>SCOTIA PHARMACEUTICALS LIMITED</u> Internal Address: _____ Street Address: <u>Scotia House, Castle Business Park</u> _____ City: <u>Stirling</u> State/Country: <u>Great Britain</u> Zip: <u>FK9 4TZ</u></p> <p>Additional name/s &amp; address/es attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ N/A</p> <table border="0"><tr><td style="vertical-align: top;"><p>A. Patent Application No(s). (1) 09/463,300 (2) _____ (3) _____</p></td><td style="vertical-align: top;"><p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p></td></tr></table> <p style="text-align: center;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s). (1) 09/463,300 (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>
<p>A. Patent Application No(s). (1) 09/463,300 (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>		

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: _____ Arthur R. Crawford</p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8<sup>th</sup> Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
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<p>9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p style="text-align: center;"> _____ Signature</p> <p style="text-align: right;">_____ Date August 15, 2000</p> <p>Name of Person Signing: <u>Arthur R. Crawford</u> Reg. No. 25,327</p> <p>Total number of pages including <b>original</b> cover sheet, attachments, and document: <u>[4]</u></p>	
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RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref: 2344-33

Commissioner of Patents and Trademarks  
Box Assignment, Washington, D.C. 20231

1. Name of conveying party(ies):

2. Name: ASTA MEDICA AKTIENGESELLSCHAFT

Street Address: An der Pikardie 10

City: Dresden

State: Germany

Zip: D-01277

4. Application number(s) or patent number(s):

A. Patent Application No(s).

(4)

(5)

(6)

(7)

(8)

(9)

B. Patent No(s).

(4)

(5)

(6)

(7)

(8)

(9)

# ASSIGNMENT OF PATENT APPLICATION

**David F. HORROBIN**  
**Hans-Jurgen TRITSCHLER**

**(Inventors)**

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

**(Assignee)** (SCOTIA PHARMACEUTICALS LIMITED and ASTA MEDICA  
 AKTIENGESELLSCHAFT

**(Address)** (of Scotia House, Castle Business Park and An der Pikardie 10, **Stirling and Dresden, Great Britain and Germany FK9 4TZ and D-01277**  
 (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

**(Other Countries)** ( in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as  
**(Title)** **THERAPEUTIC AND DIETARY COMPOSITIONS CONTAINING ESSENTIAL FATTY ACIDS AND BIOACTIVE DISULPHIDES** (Case No. 2344-33)  
 for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on or has already filed in  
 (U.S. appln. Serial No. 09/463,300 filed on  
 (The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date _____	Signature of inventor	( _____ David F. HORROBIN
Date <u>12.3.2000</u>	Signature of inventor	( <u>[Signature]</u> Hans-Jurgen TRITSCHLER
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____
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Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____
Date _____	Signature of inventor	( _____

Witnessed by: [Signature]  
Witnessed by: (Uwe Sander)  
Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_  
Date March 21, 2000  
Date \_\_\_\_\_