

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Daniel Delorme</td> <td>01/22/1998</td> </tr> <tr> <td>Edward Roberts</td> <td>01/23/1998</td> </tr> <tr> <td>Zhongyong Wei</td> <td>01/23/1998</td> </tr> </tbody> </table>		Name	Execution Date	Daniel Delorme	01/22/1998	Edward Roberts	01/23/1998	Zhongyong Wei	01/23/1998
Name	Execution Date								
Daniel Delorme	01/22/1998								
Edward Roberts	01/23/1998								
Zhongyong Wei	01/23/1998								
RECEIVING PARTY DATA									
Name:	Astra Pharma Inc.								
Street Address:	1004 Middlegate Road								
City:	Mississauga, Ontario								
State/Country:	CANADA								
Postal Code:	L4Y 1M4								
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>10730265</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10730265				
Property Type	Number								
Application Number:	10730265								
CORRESPONDENCE DATA									
Fax Number:	(302)886-8221								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	302-885-4269								
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ATTORNEY DOCKET NUMBER:	A1570-4P US								
NAME OF SUBMITTER:	Jacqueline M. Cohen								
Total Attachments: 2 source=A1570-4 US Assgn Inventors#page1.tif source=A1570-4 US Assgn Inventors#page2.tif									

CH \$40.00 10730265

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REEL: 020044 FRAME: 0693

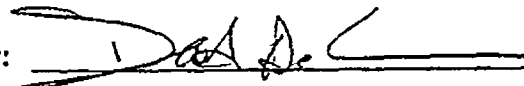
ASSIGNMENT TO ASTRA PHARMA INC.

Title: NOVEL COMPOUNDS WITH ANALGESIC EFFECT
Inventors: Daniel Delorme, Edward Roberts and Zhonyong Wei
PCT Appl. No: PCT/SE97/02050
PCT Filing Date: 9 December 1997
Execution Date of Application:

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto ASTRA PHARMA INC., a corporation of Canada having a place of business at 1004 Middlegate Road, Mississauga, Ontario L4Y 1M4, Canada its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to ASTRA PHARMA INC., its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to ASTRA PHARMA INC., or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to ASTRA PHARMA INC.; make all rightful oaths; and generally do everything possible to aid ASTRA PHARMA INC., its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

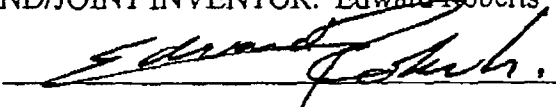
FULL NAME OF FIRST/SOLE INVENTOR: Daniel Delorme

Signature of Inventor: 

Address: 793, Charbonneau, St. Lazare Quebec J7T 2B2, Canada

Date: Jan. 22, 1998

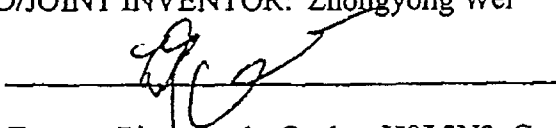
FULL NAME OF SECOND/JOINT INVENTOR: Edward Roberts

Signature of Inventor: 

Address: 2541 Chestnut Circle, St. Lazare de Vaudreuil, Quebec J7T 2A1, Canada

Date: 23rd January 1998.

FULL NAME OF THIRD/JOINT INVENTOR: Zhongyong Wei

Signature of Inventor: 

Address: 17750 Antoine-Faucon, Pierrefonds, Quebec H9J 3N2, Canada

Date: Jan. 23, 1998

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RECORDED: 10/31/2007

REEL: 020044 FRAME: 0695