A/D 581-40 09/125247

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i tërrë kan bëri Danë tinë na de dike dhe dhe dhe dhe dhe dhe dhe dhe dhe dh	405 Rec d CT/PIO 14 AUG 1998
To the Honorable Commissione 100980939	and the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
John Dietrich Sverker Ljunghall	Name: Astra Aktiebolag
Sven Sjogren	Internal Address:
Additional name(s) of conveying party(les) attached? 🗖 Yes 🖾 No	
3. Nature of conveyance:	Street Address: S-151 85 Sodertalje
X EX Assignment ☐ Merger	Sweden
☐ Security Agreement ☐ Change of Name	City:State:ZIP:
☐ Other	Additional name(s) & address(es) attached?
Execution Date: June 29, July 18, and July 16, 199	8
 Application number(s) or patent number(s): If this document is being filed together with a new application 	on the execution data of this application is
	June 29, July 18, and July 16, 1998
A. Patent Application No.(s) 09125247	B. Patent No.(s)
 Additional numbers att:	achad? [] Var. VIVIa
5. Name and address of party to whom correspondence	6. Total number of applications and patents
concerning document should be mailed: Name: White & Case	involved:
Internal Address: Patent Department	
	7. Total fee (37 CFR 3.41):
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Richard J. Sterner - 35,372	Aug. 14, 1998
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PATENT REEL: 9728 FRAME: 0596

ASSIGNMENT

WHEREAS, we, John Dietrich of 165 Dixon Road, unit 17, Etobicoke, ON M9P 3 T9, Canada, citizen of United States of America; Sverker Ljunghall of Astra Hässle AB, S-431 83 Mölndal, Sweden, citizen of Sweden; and Sven Sjögren of Astra Hässle AB, S-431 83 Mölndal, Sweden citizen of Sweden have made an invention entitled **PHARMACEUTICAL USE** for which we are about to make an application for Letters Patent of the United States, which application claims priority from Sweden application No. **9702401-2** filed on **19 June 1997**, and

WHEREAS, **Astra Aktiebolag**, a corporation organized and existing under the laws of **Sweden** and having an office for the transaction of business in Södertälje, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent there for, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the said INVENTORS, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said ASSIGNEE, and other valuable considerations unto us moving from said ASSIGNEE, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described in the specification forming a part of the application for Letters Patent of the United States for PHARMACEUTICAL USE and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND we, the said INVENTORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said ASSIGNEE, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns;

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AND we, the said INVENTORS, for the considerations aforesaid, do hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary to more effectively secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, we, the said INVENTORS, have hereunto set our hands and sealson the date below written.

Date

WITNESS:

Name and Address of Witness:

Graham Strachan

c/o 6850 Gorcway Drive

Mississauga, Ontario

anada

Name and Address of Witness:

Scott Duncan

do 6850 Goraway Drive Mississauga, Ontario

Canada
The name and address of each witness should be typed or clearly printed below

the signature of the witness.

18 July 1998	Meller Jüujlich By: Sverker Ljunghall
Date	By: Sverker Ljunghall
	, , ,
WITNESS:	
Ann Charlish Bumin Signature of Witness	Ellarita Tousson
Name and Address of Witness: Ann-Charlotte Bennis	Name and Address of Witness: AREITH TONSSON
nlebergsin 297	MARITA TONSSON FREELBERGSG-3B S-43133 MOLNDAL
5-42137 BILLOAL	S-43133 MOLNOAL
SWEDEN	SWEDEN
NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.	
16 July 1998 Date	Sven Sjögren By: Sven Sjögren
WITNESS:	
Mu Charlette Promis	Signature of Wikness
Signature of Witness	Signature of Witness
Name and Address of Witness:	Name and Address of Witness:
rom Charlotte Bennis	Name and Address of Witness:
ale hergsv 247	Backershall sq. +
1427 37 BILLDAL	5-421 59 Proflected

(NOTE: The name and address of each witness should be typed or clearly printed below the signature of the witness.

RECORDED: 08/14/1998

PATENT REEL: 9728 FRAME: 0599