FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 07-10-2000



101399372

U.S. Department of Commerce Patent and Trademark Office PATENT

1103326-0544

RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type .9.00 **Assignment Security Agreement** New Resubmission (Non-Recordation) License **Change of Name** Document ID# Correction of PTO Error Other Merger Frame # Reel # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Frame # Reel # **Departmental File** Secret File **Conveying Party(ies)** Mark if additional names of conveying parties attached **Execution Date** Month Day Year Name (line 1) 01 03 2000 Astra Aktiebolag Name (line 2) Execution Date Month Day Year Second Party Name (line 1) Name (line 2) **Receiving Party** Mark if additional names of receiving parties attached If document to be recorded AstraZeneca AB Name (line 1) is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative is attached. Address (line 1) S-151 85 Sodertalje, Sweden (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Zip Code State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name White & Case LLP Patent Department Address (line 1) Address (line 2) 1155 Avenue of the Americas Address (line 3) New York Address (line 4) New York 10036 USA FOR OFFICE USE ONLY 07/06/2000 DNGUYEN 00000168 09230476 01 FC:581 40.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 010894 FRAME: 0094

FORM PTO- Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent Name and Address Area Code and Telephone Number 212-819-8200					
Name [	White & Case LLP				
Address (line 1)	Patent Department				
Address (line 2)	1155 Avenue of the Americas				
Address (line 3)	New York				
Address (line 4)	New York 10036	USA			
Pages	Enter the total number of paincluding any attachments.	ages of the attached conveyance docu	ment # four (4)		
Application Number(s)   Mark if additional numbers attached					
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Number(s)  Patent Number(s)					
09/230,476	ent Application Number(s)		III Number(5)		
05/25011.0	7				
	]				
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor.  Month / Day Year					
Patent Coope	eration Treaty (PCT)	POT DOT	POT		
Enter PCT application number PCT PCT PCT PCT					
	only if a U.S. Application Number PCT PCT PCT PCT PCT				
Number of Properties  Enter the total number of properties involved. # one (1)					
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40					
Method of Payment: Enclosed X Deposit Account Deposit Account					
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 23-1703					
	,	Authorization to charge additional fees:	Yes X No		
Statement 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. Charges to deposit account are authorized, as indicated herein.  Richard J. Sterner - 35,372					
Name o	of Person Signing	Signature	Date		

PATENT REEL: 010894 FRAME: 0095



The enclosed Certificate of Registration has been issued for

AstraZeneca Aktiebolag

registration number: 556011-7482

which is registered as "PUBLIKT", generally written (publ), in the Companies Register kept by this office, the Companies Department of the Patent and Registration Office, Sweden.

A Swedish company classed as "PUBLIKT" is entitled to invite the general public to subscribe for or acquire shares and other securities which the company issues.

The share capital for a company classed as "PUBLIKT" must amount to a minimum of SEK 500 000.

Sundsvall, 15th February, 2000

PATENT REEL: 010894 FRAME: 0096

## CERTIFICATE OF REGISTRATION

### **SWEDEN**

Registration number: 556011-7482

Date of registration: 1913-10-31

Company name: AstraZeneca AB

Address:

151 85 SÖDERTÄLJE

Registered office: Södertälje

Share capital: SEK 2.054.029.452,50

Note: FUSION IN PROGRESS



BOARD OF DIRECTORS:

440802-3556 Björnsson, Björn Einar, (A), Bäckahästvägen 3,

240 13 GENARP

420527-5938 From, Per Anders Gideon, Drottningholmsvägen 1 6tr.,

112 42 STOCKHOLM

500523-4330 Lerenius, Per Göran, (E), Pettersbergsvägen 66,

129 40 HÄGERSTEN

430319 McKillop, Thomas Fulton Wilson, (E), (O), Flat 3,

15 Stanhope Gate, LONDON WIY 6LN, STORBRITANNIEN OCH NORDIRLAND

590228 Symonds, Jonathan, (E), 16 Moor Lane, Rickmansworth,

Herfordshire, WD3 1LG, STORBRITANNIEN OCH NORDIRLAND

591026-0024 Sörensen, Pia Carina, (A), Skämbylötsvägen 6,

640 60 ÅKERS STYCKEBRUK

560902-0093 Wallenberg, Marcus, Vidbynäs Gård 33, 148 91 ÖSMO

390324-5714 Wilhelmsson, Claes-Erik, Strandvägen 63,

115 23 STOCKHOLM

DEPUTY MEMBERS OF THE BOARD:

690810-6690 Johansson, Stig-Ove Michael, Ekhöjden Taxinge-Näsby,

155 93 NYKVARN

580928-3335 Lundblad, Karl Alf Lennart, Envigsgränden 1,

224 75 LUND

MANAGING DIRECTOR:

420527-5938 From, Per Anders Gideon, Drottningholmsvägen 1 6tr., 112 42 STOCKHOLM

OTHER PERSONS AUTHORIZED TO SIGN ON BEHALF OF THE COMPANY:

520121-1751 Johansson, John Roland, Pilvägen 8, 610 60 TYSTBERGA

561115-2710 Johansson, Per Olof Kjell, Bränningstrandsvägen 72,

151 39 SÖDERTÄLJE

580712-5116 Linde, Carl Fredrik Johannes, Auravägen 24,

182 68 DJURSHOLM

580111-2086 Ljungqvist, Margit Inga Susanne, Solhemsvägen 13A,

141 31 HUDDINGE

True copy certified by:

PATENT

REEL: 010894 FRAME: 0097

CONTD.



CERTIFICATE OF REGISTRATION

### SWEDEN

Registration number: 556011-7482

Date of registration: 1913-10-31

Company name: AstraZeneca AB

Address:

151 85 SÖDERTÄLJE

Registered office: Södertälje

Share capital: SEK 2.054.029.452,50 Note: FUSION IN PROGRESS

470520-1939 Sveréus, Björn Gustaf, Hedåvägen 9, 152 51 SÖDERTÄLJE

COMPANY AUDITORS:

430319-0658 Magnusson, Bo Vilhelm, Karpvägen 36, 181 30 LIDINGÖ

COMPANY AUDITOR:

556479-9103 Deloitte & Touche Stockholm Aktiebolag Box 101 52, 121 26 STOCKHOLM-GLOBEN Principaly responsible auditor: 430319-0658 Magnusson, Bo Vilhelm Karpvägen 36, 181 30 LIDINGÖ

SIGNATORY POWER:

In addition to the Board of Directors,
Lerenius, Per Göran
McKillop, Thomas Fulton Wilson
From, Per Anders Gideon
Linde, Carl Fredrik Johannes
individually,

or

any two jointly of

Wilhelmsson, Claes-Erik Johansson, John Roland Johansson, Per Olof Kjell Ljungqvist, Margit Inga Susanne Sveréus, Björn Gustaf

are entitled to sign on behalf of the company.

SECONDARY NAMES:

Astra

FINANCIAL YEAR:

Registered financial year: 0101-1231 Latest annual report submitted covers financial period 980101-981231

True copy certified by:

**PATENT** 

REEL: 010894 FRAME: 0098

CONTD.

### SWEDEN

Registration number: 556011-7482

Date of registration: 1913-10-31

Company name: AstraZeneca AB

Address:

151 85 SÖDERTÄLJE

Registered office: Södertälje

Share capital: SEK 2.054.029.452,50

Note: FUSION IN PROGRESS

DATE OF REGISTRATION OF CURRENT AND PREVIOUS COMPANY NAMES:

2000-01-03 AstraZeneca AB 1994-06-20 Astra Aktiebolag 1966-05-12 Aktiebolaget Astra

1913-10-31 Aktiebolaget Astra, Apotekarnas Kemiska Fabriker

SUNDSVALL 2000-02-15

Ex officio

ANETTE JACOBSSON

(A) = employee representative

(U) = person resident outside EEA

(E) = person resident outside Sweden but within EEA

(0) = Chairman of the Board

True copy certified by:

**PATENT** REEL: 010894 FRAME: 0099

# PATENT COOPERATION TREATY

NKOM				
2000-04-17 PCT	From the INTERNATIONAL BUREAU			
NOTIFICATION OF THE RECORDING	To:			
OF A CHANGE  (PCT Rule 92bis.1 and Administrative Instructions, Section 422)	ASTRAZENECA AB Intellectual Property, Patents S-151 85 Södertälje SUÈDE			
Date of mailing (day/month/year) 05 April 2000 (05.04.00)				
Applicant's or agent's file reference J 1794-1 WO	IMPORTANT NOTIFICATION			
International application No. PCT/SE98/02347	International filing date (day/month/year) 16 December 1998 (16.12.98)			
The following indications appeared on record concerning:      X the applicant				
Name and Address  ASTRA AKTIEBOLAG S-151 85 Södertälje Sweden	State of Nationality State of Residence SE SE Telephone No. Facsimile No.			
2. The International Bureau hereby notifies the applicant that the				
Name and Address  ASTRAZENECA AB S-151 85 Södertälje Sweden	State of Nationality State of Residence  SE SE  Telephone No.			
	Teleprinter No.			
3. Further observations, if necessary: Please note that the above change also refers to the name indicated in Box IV. of the request form.				
4. A copy of this notification has been sent to:  X the receiving Office the International Searching Authority X the International Preliminary Examining Authority	the designated Offices concerned  X the elected Offices concerned  other:			
34, chemin des Colombettes 1211 Geneva 20, Switzerland	C. Cupello Cipello			

Form PCT/I8/306.(March 1994)

**RECORDED: 06/09/2000** 

003209140

**REEL: 010894 FRAME: 0100**