

08-31-2000

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

101447096

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1103326-0542

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Name (line 1)

Astra Aktiebolag

Execution Date  
Month Day Year

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Name (line 2)

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AstraZeneca AB

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Address (line 3)

City

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Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

White &amp; 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

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231**PATENT**  
**REEL: 011029 FRAME: 0092**

## Correspondent Name and Address

Area Code and Telephone Number 212-819-8200

Name White &amp; 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 pages of the attached conveyance document including any attachments.

# four (4)

## Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

## Patent Application Number(s)

09/555,720

## Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

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## Number of Properties

Enter the total number of properties involved.

# one (1)

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ ~~23-1703~~ 40Method of Payment:  
Deposit AccountEnclosed ☒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

☒

No

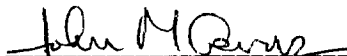
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## Statement and Signature

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.

John M. Genova - 32,224

Name of Person Signing



Signature

1 August 2000

Date

**PRV**PATENT- OCH REGISTRERINGSVERKET  
Bolagsavdelningen

## CERTIFICATE OF REGISTRATION

## SWEDEN

Registration number: 556011-7482

Date of registration: 1913-10-31

Company name: AstraZeneca AB

Address:

Registered office: 151 85 SÖDERTÄLJE  
SödertäljeShare 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,  
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590228 Symonds, Jonathan, (E), 16 Moor Lane, Rickmansworth,  
Hertfordshire, 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:

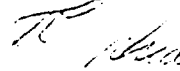
420527-5938 From, Per Anders Gideon, Drottningholmsvägen 1 6tr.,  
112 42 STOCKHOLM

## 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

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CONTD.

 **PATENT**

REEL: 011029 FRAME: 0094

**PRV**PATENT- OCH REGISTRERINGSVERKET  
Bolagsavdelningen

## CERTIFICATE OF REGISTRATION

## SWEDEN

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Address:

Registered office: 151 85 SÖDERTÄLJE  
SödertäljeShare capital: SEK 2.054.029.452,50  
Note: FUSION IN PROGRESS

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

## COMPANY AUDITORS:

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

## COMPANY AUDITOR:

556479-9103 Deloitte & Touche Stockholm Aktiebolag  
Box 101 52, 121 26 STOCKHOLM-GLOBENPrincipally responsible auditor: 430319-0658 Magnusson, Bo Vilhelm  
Karpvågen 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

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**PRV**

PATENT- OCH REGISTRERINGSVERKET  
Bolagsavdelningen

CERTIFICATE OF REGISTRATION

SWEDEN

Registration number: 556011-7482

Date of registration: 1913-10-31

Company name: AstraZeneca AB

Address:

Registered office: 151 85 SÖDERTÄLJE  
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

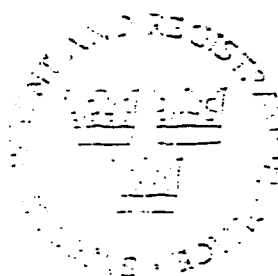
1966-05-12 Aktiebolaget Astra

1913-10-31 Aktiebolaget Astra, Apotekarnas Kemiska Fabriker

SUNDSVALL 2000-02-15

Ex officio

*Anette Jacobsson*  
ANETTE JACOBSSON



- (A) = employee representative
- (U) = person resident outside EEA
- (E) = person resident outside Sweden but within EEA
- (O) = Chairman of the Board

True copy certified by:

*R. Nordman*

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, 15<sup>th</sup> February, 2000