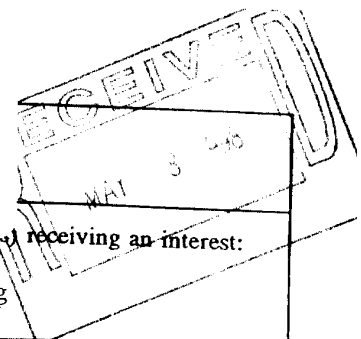


PATENTS ONLY

To the Honorable Commi
Please record the attached

06-01-1998



1. Name of Party(ies) conveying an interest:

Aktiebolaget Astra

5-8-98

100722673

receiving an interest:

Name: Astra Aktiebolag

Internal Address:

Street Address:

City: Sodertalje, Sweden

State: Zip:

Additional name(s) & addresses attached?

Yes

No

Additional name(s) of conveying party(ies) attached?

Yes

No

3. Description of the interest conveyed:

Assignment

Change of Name

Other

Security Agreement

Merger

Execution Date: effective as of June 22, 1994

4. Application number(s) or patent number(s). Additional sheet attached?

Yes

No

If this document is being filed together with a new application, the execution date of the application is:

Date

A. Patent Application No.(s)

08/457,004

B. Patent No.(s)

5,441,976

5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: White & Case L.L.P.

Internal Address: Patent Department

Street Address: 1155 Ave. of Americas

City: New York

State: New York Zip: 10036

6. Number of applications and patents involved:

Two (2)

7. Amount of fee enclosed or authorized to be charged:

\$ 80 (Eighty Dollars)

8. Deposit account number (Attach duplicate copy of this form if paying by deposit account): 23-1703

DO NOT USE THIS SPACE

9. 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.

May 5, 1998

Date

Reg. No. 37,352

Hans-Peter G. Hoffmann, Ph.D.

Signature

Name of Person Signing (Reg. No.)

PATENT

REEL: 9187 FRAME: 0662

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110411

06/01/1998

01 FC-561



Registration number: 556011-7482
Date of registration: 1913-10-31
Company name: Astra Aktiebolag
Address:
Registered office: 151 85 SÖDERTÄLJE
Södertälje
Share capital: SEK 1.519.076.910

450127-8057 Stavling, Åke Bo Tage, Högbergsgatan 11,
116 20 STOCKHOLM
390324-5714 Wilhelmsson, Claes-Erik, Strandvägen 63,
115 23 STOCKHOLM

OTHER PERSONS AUTHORIZED TO SIGN ON BEHALF OF THE COMPANY:
520121-1751 Johansson, John Roland, Pilmvägen 8, 610 60 TYSTBERGA
500523-4330 Lerenius, Per Göran, Petttersbergsvägen 66,
129 40 HÄGERSTEN

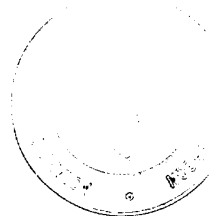
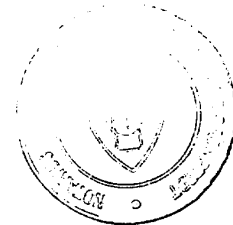
COMPANY AUDITORS:
240607-2971 Johansson, Sven-Erik Nils, Sparrisbacken 9,
162 37 VÄLLINGBY
340613-1213 Lindén, Bo Einar, Aklejävägen 12,
194 60 UPPLANDS VÄSBY

DEPUTY AUDITORS:
430319-0658 Magnusson, Bo Vilhelm, Karpvägen 36, 181 31 LIDINGÖ
440414-6930 Östman, Lars-Gustaf, Vinthundsvägen 33, 123 62 FARSTA

SIGNATORY POWER:
In addition to the Board of Directors,
Berggren, Bo Erik Gunnar
Mogren, Håkan Lars
individually, or

Stavling, Åke Bo Tage
Wilhelmsson, Claes-Erik
jointly, or

any one of
Stavling, Åke Bo Tage
Wilhelmsson, Claes-Erik
in combination with any one of
Johansson, John Roland
Lerenius, Per Göran
are entitled to sign on behalf of the company.



True copy certified by

CONTD.

Besöksadress:
Badhusparken

Telefon: vx 060-18 40 00
Postgöro: 95 06 08-9

Telefax: 060-12 84 77 adm
060-11 56 29 info

Registration number: 556011-7482
Date of registration: 1913-10-31
Company name: Astra Aktiebolag
Address: 151 85 SÖDERTÄLJE
Registered office: Södertälje
Share capital: SEK 1.519.076.910



BOARD OF DIRECTORS:

360811-7713 Berggren, Bo Erik Gunnar, Granvägen 14, 791 37 FALUN
440802-3556 Björnsson, Björn Einar, (A), Bäckhästvägen 3,
240 13 GENARP
470606-0052 Dahlbäck, Claes Åke Gustaf, Strandvägen 63,
115 23 STOCKHOLM
310610-3959 Danielsson, Henry Berthold, Gropgränd 2 A,
753 10 UPPSALA
311203-0493 Faulkner, Harry George Basil, Djurgårdsvägen 150,
115 21 STOCKHOLM
361115-2350 Hagström, Anthony Gunnar, Myrtenstigen 11,
125 31 ÄLVSJÖ
440917-1271 Mogren, Håkan Lars, Igelkottsvägen 72, 161 45 BROMMA
381102-7154 Ramqvist, Lars Henry, Högborgsgatan 11, 3 tr,
116 20 STOCKHOLM
440519-1075 Ringqvist, Erik Charles, (A), Tegelstigen 2, 5 tr,
151 55 SÖDERTÄLJE
311023-1630 Wachtmeister, Thomas Axel Wilhelm, Trudvangsvägen 5,
182 63 DJURSHOLM
560902-0093 Wallenberg, Marcus, Narvavägen 8, 115 23 STOCKHOLM

DEPUTY MEMBERS OF THE BOARD:

520620-5105 Bäärnhelm Marklund, Eva Catharina, (A),
Blå Ankaret Pl 677, 439 00 ONSALA
430224-8937 Pavasson Hatta, Sven Åke, (A), Bodastigen 52,
151 68 SÖDERTÄLJE

MANAGING DIRECTOR:

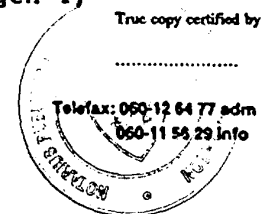
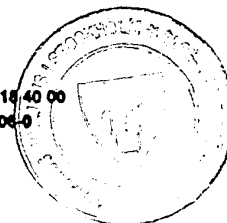
440917-1271 Mogren, Håkan Lars, Igelkottsvägen 72, 161 45 BROMMA

DEPUTY MANAGING DIRECTOR:

411014 Feulner, Andreas Heinrich, (E), Fasanenweg 8, D-2000 WEDEL,
HOLSTEIN, TYSKLAND
371209-2737 Johansson, Gunnar Karl-Gustav, Tvärvägen 1,
237 00 BJÄRRED
460809-1098 Karlberg, Ulf Stensson, (E),
Cullen House, Horseshoe Ridge, St George's Hill, Weybridge,
SURREY KT13 ONR, STORBRIANNIEN OCH NORDIRLAND
350305-5414 Larsson, Jan Svante, Björklidsvägen 4,
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Postgäro: 85 06 04-0



CONTD.

Registration number: 556011-7482
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Registered office: 151 85 SÖDERTÄLJE
Södertälje
Share capital: SEK 1.519.076.910

FINANCIAL YEAR:

Registered financial year: 0101-1231
Latest annual report submitted covers financial
period 930101-931231

DATE OF REGISTRATION OF CURRENT AND PREVIOUS COMPANY NAMES:

1994-06-20 Astra Aktiebolag
1966-05-12 Aktiebolaget Astra
1913-10-31 Aktiebolaget Astra, Apotekarnas Kemiska Fabriker

SUNDSVALL 1994-06-22
Ex officio

Gunn Lahti
GUNN LAHTI



- (A) = employee representative
- (U) = person resident outside EEA
- (E) = person resident outside Sweden but within EEA

I, the undersigned, Else-Marie Grönstedt, Notary Public of the City
of Stockholm, Sweden, hereby certify:

that this document comprising 3 pages, is a true and proper photostat
copy of the original instrument, duly issued and signed by GUNN
L A H T I, qualified to sign on behalf of THE NATIONAL SWEDISH
PATENT AND REGISTRY OFFICE, and
that this Certificate of Registration is currently in effect for the
Company ASTRA AKTIEBOLAG.

Stockholm, 1996-12-04

Ex officio:

Else-Marie Grönstedt

True copy certified by

Besöksadress:
Badhusparken

Telefon: vx 060-18 40 00
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