

09/486688  
428 Rec'd PCT/PTO 01 MAR 2000

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RI 101516235 IEET 1103326-0609

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Mark if additional names of conveying parties attached

Name (line 1) Boissier, Catherine Execution Date Month Day Year 12 22 1999

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) Juppo, Anne Mari Execution Date Month Day Year 12 22 1999

Name (line 2) \_\_\_\_\_

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) Astra Aktiebolag

Name (line 2) \_\_\_\_\_

Address (line 1) S-151 85 Sodertalje, Sweden

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_ City \_\_\_\_\_ State/Country \_\_\_\_\_ Zip Code \_\_\_\_\_

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Month	Day	Year
12	22	1999

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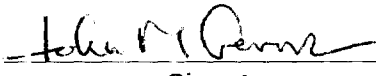
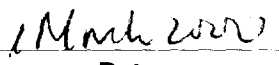
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**Name of Person Signing**      **Signature**      **Date**

## ASSIGNMENT

WHEREAS, we, I/we Catherine Boissier and Anne Mari Juppo of Astra Hässle AB, S-431 83 Mölndal, Sweden citizens of Sweden, respectively; Finland have made an invention entitled **A METHOD OF PRODUCING DRUG PARTICLES** for which we are about to make an application for Letters Patent of the United States, which application claims priority from Swedish application No. 9804003-3 filed on 23 November 1998, 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 **A METHOD OF PRODUCING DRUG PARTICLES** 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;

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.

22 December 1999  
Date

Catherine Boissier  
By: Catherine Boissier

**WITNESS:**

Bengt Olsson  
Signature of Witness

Birgitta Skarstam  
Signature of Witness

Name and Address of Witness:

Bengt Olsson  
Klappen 14  
414 51 Göteborg,  
Sweden

Name and Address of Witness:

Birgitta Skarstam  
Pilegården 9K  
436 35 Astum  
Sweden

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

22 December 1999

Date

By: Anne Mari Jippo

**WITNESS:**

Signature of Witness

Signature of Witness

Name and Address of Witness:

Magnus Sorenson  
Linnemogulen 11  
SE-745 Borås  
Sweden

Name and Address of Witness:

Birgitta Skarstam  
P.legården 9K  
436 35 Asunin  
Sweden

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

\_\_\_\_\_

Date

\_\_\_\_\_

By:

**WITNESS:**

\_\_\_\_\_

Signature of Witness

\_\_\_\_\_

Signature of Witness

Name and Address of Witness:

Name and Address of Witness:

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