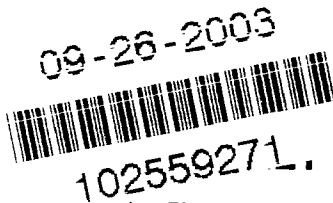


Form PTO-1595

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RI

9/23/03



U.S. DEPARTMENT OF COMMERCE

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To the honorable Commissioner of Patents

Trademarks: Please record the attached original document or copy thereof.

1. Name of Conveying Party(ies):

Asta Pharma Aktiengesellschaft



2. Name and Address of Receiving Party(ies):

Name: O. Univ. Prof. Dr. Dr. B. K. Keppler
Street Address: Institut Für Anorganische Chemie
Street Address: Währinger Str. 42
City: Wien
State/Country: Austria Postal Code: 1090

Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

Additional name(s) and addresses attached? [ ] Yes [x] No

3. Nature of Conveyance:

- [x] Assignment [ ] Change of Name
[ ] Security Agreement [ ] Other:
[ ] Merger Execution Date: 01261998

4. Application Number(s) or Patent Number(s):

- [ ] Assignment is being filed together with new application and the first execution date of application is :
[x] Application has been filed already and the application filing date is: 04251986

A. Patent Application Number(s):

B. Issued Patent Number(s): 4843069

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning this matter should be mailed:

CUSTOMER NUMBER 00136 -or-
JACOBSON HOLMAN PLLC
400 Seventh Street, N.W.
Washington, D.C. 20004-2218
Tel. 202-638-6666

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

- [x] Enclosed
[x] Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.

Attorney Docket Number: P55873

09/25/2003 DBYRNE 00000129 4843069

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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.

Irwin M. Aisenberg 19,007

September 23, 2003

Name of Person Signing, Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and documents:

2

ASSIGNMENT

WHEREAS, ASTA PHARMA AKTIENGESELLSCHAFT a German company having its place of business at Weismüllerstraße 45, 6000 Frankfurt am Main 1, Germany, is the owner of the entire right, title and interest for United States Letters Patent 4,843,069 issued June 27, 1989, for MEDICAMENT FORMULATIONS CONTAINING RUTHENIUM COMPOUNDS WITH AN ANTITUMORAL ACTION;

WHEREAS, O. UNIV. PROF. DR. DR. B.K. KEPPLER, of INSTITUT FÜR ANORGANISCHE CHEMIE, Währinger Str. 42., 1090 Wien, Austria, is desirous of acquiring the entire right, title and interest in and to said United States Letters Patent 4,843,069.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable consideration paid by the said O. UNIV. PROF. DR. DR. B.K. KEPPLER, INSTITUT FÜR ANORGANISCHE CHEMIE to said ASTA PHARMA AKTIENGESELLSCHAFT, of which receipt is hereby acknowledged, the said ASTA PHARMA AKTIENGESELLSCHAFT, by its undersigned duly authorized officers, hereby sells and assigns its entire right, title and interest in and to said United States Letters Patent 4,843,069 to the said O. UNIV. PROF. DR. DR. B.K. KEPPLER, his successors and assigns.

Signed this 26th /23rd/ day of January, 1998.

ASTA Medica Aktiengesellschaft  
ppa. ppa.

*[Handwritten signatures]*

Müller-Friese Kromp

ACKNOWLEDGMENT

Nummer 389 der Urkundenrolle für 1998

This 26th day of January, 1998 before me came the above-named individuals who executed the foregoing assignment, who did acknowledge to me that they executed the same in their capacity as Procurists and of ASTA PHARMA AKTIENGESELLSCHAFT and for the purposes therein set forth.

*[Handwritten signature]*

Notary Public



Kostenrechnung

Wert: DM 10.000,--

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Gebühr § 150 KostO	DM	20,--
15 % Mehrwertsteuer	DM	6,--
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Notar