

05-20-1999

U.S. Department of Commerce
Patent and Trademark OfficeMP
5.12.99

RECORDAT

101055587

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

1. JAN LJUNGGREN

2. ANN-GERD THORSELL

3. OWE ENGSTROM

4. TOMAS BONN

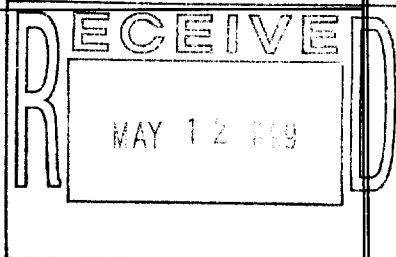
5. MATS CARLQUIST

6. ANDRZEJ M. BRZOZOWSKI

7. ASHLEY C.W. PIKE

8. RODERICK E. HUBBARD

2. Name & address of receiving party(ies):

Name: KARO BIO AB
Novum, S-14157
Huddinge, Sweden

Additional names & addresses attached?

[] Yes [X] No

3. Nature of conveyance:

[X] ASSIGNMENT [] Other

Execution date(s): (1) April 6, 1999 (2) April 6, 1999; (3) April 6, 1999; (4) April 6, 1999; (5) April 6, 1999;
(6) April 26, 1999; (7) April 22, 1999; (8) April 26, 19994. Application Number(s) or Patent Number(s) 09/249,645If this document is being filed together with a new application, the execution date of the Application is: (1) _____
(2) _____ (3) _____ (4) _____

A. Patent Application No.(s)

(Attorney Docket No.): 09/249,645

B. Patent No.(s)

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: TODD E. GARABEDIAN, Ph.D.
WIGGIN & DANA
ONE CENTURY TOWER, NEW HAVEN,
CONNECTICUT 06508-1832

6. Total number of applications and patents involved: { 1 }

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

[] Enclosed

[XX] Authorized to be charged to Deposit Account

8. Deposit Account No: 23-1665 (Attach duplicate copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

9. 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.

Todd E. Garabedian, Ph.D.

Name of person signing

Signature

Date: May 4, 1999

05/19/1999 DNGUYEN 00000324 231665 09249645

01 FC:581

40.00 CH

Total number of pages comprising cover sheet { 1 }

30VZ01\..DOC\10706\27\141119.01

ASSIGNMENT

WHEREAS, WE: **JAN LJUNGGREN, ANN-GERD THORSELL, OWE ENGSTROM, TOMAS BONN, MATS CARLQUIST, ANDRZEJ M. BRZOZOWSKI, ASHLEY C.W. PIKE and RODERICK E. HUBBARD**, residing at Wlbomsvag 8, S-171 60 Solna, Sweden; Dobelnskatan 89, 4 tr, S-113 52, Stockholm, Sweden; Knut Stangenbergs vag 55, S-131 47 Nacka, Sweden; Visattravagen 21, 1 tr S-141 50, Huddinge, Sweden; Oskarsvagen 3, S-163 42 Spanga, Sweden; 16 Newland Park Drive, York YO10 3HN, United Kingdom; 14 Herbert Street, York YO10 3EJ, United Kingdom; and 4 New Walk Terrace, York YO10 4BG United Kingdom, respectively

have invented certain new and useful improvements in:

ESTROGEN RECEPTOR LIGANDS

Which WE:

- () have executed an application for Letters Patent of the United States of even date herewith;
- (X) have filed an application for Letters Patent of the United States on February 12, 1999 under Serial No. 09/249,645.

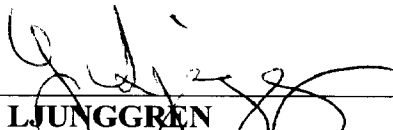
WHEREAS, **KARO BIO AB**, situated at Novum, S-14157, Huddinge, Sweden, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents to hereby sell, assign, transfer and set over, unto the said **KARO BIO AB**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvement to the said **KARO BIO AB**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said **KARO BIO AB**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **KARO BIO AB**, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, WE hereunto set our hand and seal the day and year set opposite our signatures.

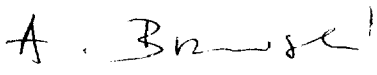
Date: April 6, 1999  L.S.
JAN LJUNGGREN

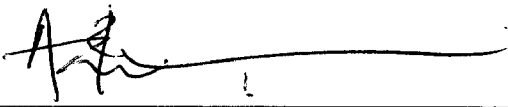
Date: April 6, 1999  L.S.
ANN-GERD THORSELL


Date: April 6, 1999  L.S.
OWE ENGSTROM

Date: April 6, 1999  L.S.
TOMAS BONN

Date: April 6, 1999  L.S.
MATS CARLQUIST

Date: 26 April, 1999  L.S.
ANDRZEJ M. BRZOZOWSKI

Date: 22nd April, 1999  L.S.
ASHLEY C.W. PIKE

Date: 26 April, 1999  L.S.
RODERICK E. HUBBARD