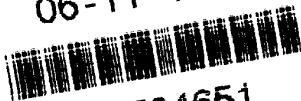


FORM PTO-1595
P16437.P05

06-11-1998



100734651

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Record the attached original documents or copy thereof.

To the Honorable

1. Name of Conveying party(ies):

Tsutomu EBATA
Toshifumi AKIBA
Takanobu IKEYA
Ryuhei WAKITA
Mikio SASAKI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: February 10, 12, & 27, 1998

2. Name and address of receiving party(ies)

Name: DAIICHI PHARMACEUTICAL CO., LTD.

Internal Address:

Street Address: 14-10, Nihonbashi 3-chome, Chuo-ku,

Tokyo 103 JAPAN

City: State: ZIP:

Additional name(s) and address(es) attached? ☒ Yes ☐ No

4. Application number(s) or patent number(s):

09/029054

If this document is being filed together with a new application, the execution date of the application is: February 10, 12, & 27, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P16437

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Signature

Date

03/13/1998 KJUNCAN1 00000050 09029054
03 FC:581

Total number of pages including cover sheet, attachments and document: 7

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 9222 FRAME: 0888

LISTING OF ADDITIONAL RECEIVING PARTIES

Name: SUMITOMO CHEMICAL CO., LTD.

Street address: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi,

Osaka 541 JAPAN

ASSIGNMENT

WHEREAS, Tsutomu EBATA a citizen of Japan, whose post office address is c/o DAIICHI PHARMACEUTICAL CO, LTD., TOKYO R & D CENTER, 16-13, Kita-kasai 1-chome, Edogawa-ku, Tokyo 134 Japan, Toshifumi AKIBA, a citizen of Japan, whose post office address is, c/o DAIICHI PHARMACEUTICAL CO, LTD., TOKYO R & D CENTER, 16-13, Kita-kasai 1-chome, Edogawa-ku, Tokyo 134 Japan, Takanobu IKEYA, a citizen of Japan, whose post office address is, c/o DAIICHI PHARMACEUTICAL CO, LTD., TOKYO R & D CENTER, 16-13, Kita-kasai 1-chome, Edogawa-ku, Tokyo 134 Japan, Ryuhei WAKITA a citizen of Japan, whose post office address is, c/o SUMITOMO CHEMICAL CO., LTD., 10-1, Tsukahara 2-chome, Takatsuki-shi, Osaka 569 Japan, and Mikio SASAKI, a citizen of Japan, whose post office address is, c/o SUMITOMO CHEMICAL CO., LTD., 10-1, Tsukahara 2-chome, Takatsuki-shi, Osaka 569 Japan, hereinafter referred to as the ASSIGNOR(S), have invented a certain improvement relating to

PROCESS FOR PREPARING HALOGENATED CYCLOPOPANE DERIVATIVES

for which they have, on the same date as this assignment, jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office, which is a National Stage Application of International Application No. PCT/JP96/02417, filed August 29, 1996

AND WHEREAS, DAIICHI PHARMACEUTICAL CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103 JAPAN and SUMITOMO CHEMICAL CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 JAPAN, hereinafter known as the ASSIGNEE(S), are desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR(S) hereby assign, sell and transfer to said ASSIGNEE(S), its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE(S) and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE(S) and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(S) might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR(S) hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE(S), or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE(S), its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

Witnessed by:

Hiroyeaki Sakurai February 10, 1998
Name Date
Junji Ebata February 10, 1998
Name Date

Tsutomu Ebata Feb. 10, 1998
Tsutomu EBATA Date

Junji Sakurai February 10, 1998
Name Date
Miyoko Tanabe February 10, 1998
Name Date

Toshifumi Akiba Feb. 10, 1998
Toshifumi AKIBA Date

Mie Kimura February 12, 1998
Name Date
Yukiko Nagata February 12, 1998
Name Date

Takanobu Ikeya Feb. 12, 1998
Takanobu IKEYA Date

Witnessed by:

Takashi Kamba February 27, 1998

Name

Date

Noriyuki Oae February 27, 1998

Name

Date

Ryuhei Wakita February 27, 1998

Ryuhei WAKITA

Date

Kohji Gashikawa February 27, 1998

Name

Date

Ichiro Kono to February 27, 1998

Name

Date

Mikio Sasaki February 27, 1998

Mikio SASAKI

Date