

09-15-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Tab settings

101458009

To the Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, attached original documents or copy thereof.

1. Name of conveying party(ies):

MANDAI, Tadakatsu
OKUMOTO, Hiroshi
HARA, Koji

MPO
9.11.00

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

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Re-record to correct receiving parties; previously recorded at

Reel 010850/Frame 0834

Execution Date: March 16, 2000

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

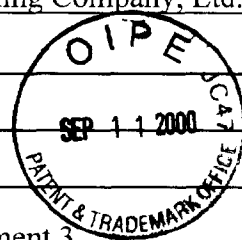
Name: Ensuiiko Sugar Refining Company, Ltd.

Internal Address:

Street Address: See Attachment 3

City: State: ZIP:

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



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

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

A. Patent Application No.(s)

B. Patent No.(s)

09/529,208
09/13/2000 AWONDAF1 00000008 09529208

01 FC:581

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ronald I. Eisenstein

Internal Address: NIXON PEABODY LLP

Street Address: 101 Federal Street

City: Boston State: MA ZIP: 02110

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:

(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.

Ronald I. Eisenstein

Name of Person Signing

Ronald I. Eisenstein

Signature

9/1/00

Date

Total number of pages including cover sheet, attachments, and document: 18

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

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

PATENT
REEL: 011056 FRAME: 0975

Attachment to Form PTO - 1595
Recordation Form Cover Sheet



Additional Conveying Parties

- MIKUNI, Katsuhiko
- HARA, Kozo
- TSUCHIYA, Yoshinori
- NAKAMURA, Kosho
- UMETSU, Teruhiko

Additional Receiving Parties

- Bio Research Corporation of Yokohama
-
- 13-46, Daikoku-cho Tsurumi-ku
Yokohama-shi
Kangawa 230
JAPAN
-
-
-
- Tadakatsu MANDAI
-
- 2-1-19-301, Kitagata
Okayama-shi
Okayama 700
JAPAN
-
-
-
- Kaken Pharmaceutical Company, Ltd.
-
- 28-8, Honkomagome 2-chome
Bunkyo-ku
Tokyo 113-8650
JAPAN
-
-
-

Attachment 3

13-46, Daikoku-cho
Tsurumi-ku, Yokohama-shi
Kanagawa 230

Attachment to Form PTO - 1595
Recordation Form Cover Sheet



JAPAN

Additional Execution Dates

- March 16, 2000
- March 14, 2000
- March 15, 2000
- March 15, 2000
- March 21, 2000
- March 22, 2000
- March 21, 2000

ASSIGNMENT

I, Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensuiiko Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensuiiko Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

and retaining the remaining 16.7% interest myself.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN WITNESS WHEREOF, I, Tadakatsu Mandai, hereunto set my hand and seal

this
16 day of March, 2000.

Witness

Tadakatsu Mandai
Tadakatsu Mandai

ASSIGNMENT

I, Hiroshi Okumoto, a Japanese citizen residing at 10-21-21, Sakuragaokanishi, Sanyo-cho, Akaiwa-gun, Okayama 709-08, Japan, for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensuikeo Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensuikeo Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such

Letters Patent.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

16 IN WITNESS WHEREOF, I, Hiroshi Okumoto, hereunto set my hand and seal this
day of March, 2000.

Witness

Hiroshi Okumoto
Hiroshi Okumoto

BOS365158.1

PATENT
REEL: 011056 FRAME: 0981

ASSIGNMENT

I, Koji Hara, a Japanese citizen residing at

c/o BIO RESEARCH CORPORATION OF YOKOHAMA

13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi,

Kanagawa 230, JAPAN

for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensuiiko Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensuiiko Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in

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And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN WITNESS WHEREOF, I, Kozo Hara, hereunto set my hand and seal this
15 day of March, 2000.

Witness

Kozo Hara
Kozo Hara

ASSIGNMENT

I, Katsuhiko Mikuni, a Japanese citizen residing at
c/o BIO RESEARCH CORPORATION OF YOKOHAMA
13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi,
Kanagawa 230, JAPAN

for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensui Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensui Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in

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And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN WITNESS WHEREOF, I, Katsuhiko Mikuni, hereunto set my hand and seal this
15 day of March, 2000.

Witness



Katsuhiko Mikuni

ASSIGNMENT

I, Kozo Hara, a Japanese citizen residing at
c/o BIO RESEARCH CORPORATION OF YOKOHAMA
13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi,
Kanagawa 230 JAPAN

for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

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AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in

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And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

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14 IN WITNESS WHEREOF, I, Koji Hara, hereunto set my hand and seal this
day of March, 2000.

Witness

Koji Hara
Koji Hara

ASSIGNMENT

I, Yoshinori Tsuchiya, a Japanese citizen residing at
c/o KAKEN PHARMACEUTICAL CO., LTD.

28-8, Honkomagome 2-chome, Bunkyo-ku,
Tokyo 113, JAPAN

for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensui Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensui Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in

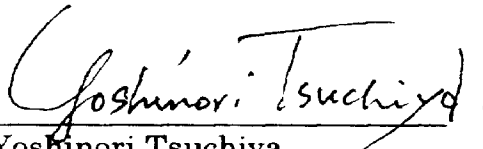
TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN WITNESS WHEREOF, I, Yoshinori Tsuchiya, hereunto set my hand and seal
this 21 day of March, 2000.

Witness


Yoshinori Tsuchiya

ASSIGNMENT

I, Kosho Nakamura, a Japanese citizen residing at
c/o KAKEN PHARMACEUTICAL CO., LTD. DEVELOPMENT RESEARCH LABORATORIES
14, Minamikawara-cho, Shinomiya, Yamashina-ku,
Kyoto-shi, Kyoto 607, JAPAN

for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensuiiko Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensuiiko Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in

TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN WITNESS WHEREOF, I, Kosho Nakamura, hereunto set my hand and seal this 22 day of March, 2000.

Witness

Kosho Nakamura
Kosho Nakamura

ASSIGNMENT

I, Teruhiko Umetsu, a Japanese citizen residing at
c/o KAKEN PHARMACEUTICAL CO., LTD.

28-8, Honkomagome 2-chome, Bunkyo-ku,
Tokyo 113, JAPAN

for good and valuable consideration from Kaken Pharmaceutical Company, Ltd., a Japanese corporation having its principal place of business at 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Kaken Pharmaceutical Company, Ltd., its successors and assigns, a 50% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Ensuiiko Sugar Refining Company, Ltd., a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Ensuiiko Sugar Refining Company, Ltd., its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Bio Research Corporation of Yokohama, a Japanese corporation having its principal place of business at 13-46, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Bio Research Corporation of Yokohama, its successors and assigns, a 16.7% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent;

AND, for good and valuable consideration from Tadakatsu Mandai, a Japanese citizen residing at 2-1-19-301, Kitagata, Okayama-shi, Okayama 700, Japan, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Tadakatsu Mandai, his successors and assigns, a 16.6% right, title and interest in, to and under an application for Letters Patent of the United States submitted herewith, signed by me for Improvements in

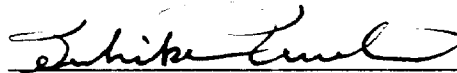
TAXOID DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN WITNESS WHEREOF, I, Teruhiko Umetsu, hereunto set my hand and seal this
21 day of March, 2000.

Witness


Teruhiko Umetsu

BOS365180.1

RECORDED: 09/11/2000

PATENT
REEL: 011056 FRAME: 0993