

06-16-2000

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)



101383161

R SHEET

JLY

09/529208

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

528 Rev'd PCT/PTO 07 APR 2000

Tab settings

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

## 1. Name of conveying party(ies):

MANDAI, Tadakatsu

OKUMOTO, Hiroshi

HARA, Koji

Additional name(s) of conveying party(ies) attached?



Yes



No

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

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) &amp; 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: 04/07/2000

A. Patent Application No.(s)

submitted herewith

B. Patent No.(s)

Additional numbers attached?



Yes



No

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

Name: Ronald I. EisensteinInternal Address: NIXON PEABODY LLPStreet Address: 101 Federal StreetCity: BostonState: MAZIP: 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 (Reg. No. 30,628)

Name of Person Signing

Signature

4/7/00

Date

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

19

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: 010850 FRAME: 0834

09/529208

528 Rec'd PCT/PTO 07 APR 2000

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
- 
- 
- 

Attachment 3

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

Additional Execution Dates

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

09/529208

528 Rec'd PCT/PTO 07 APR 2000

Attachment to Form PTO - 1595  
Recordation Form Cover Sheet

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 Ensuiko 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 Ensuiko 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

**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 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.

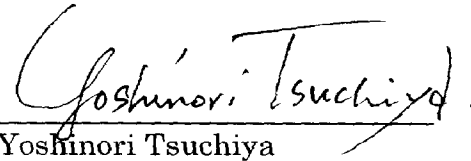
And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or 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, Yoshinori Tsuchiya, hereunto set my hand and seal

this  
21 day of March, 2000.

\_\_\_\_\_  
Witness

  
Yoshinori Tsuchiya

## 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;

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

\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Katsuhiko Mikuni

**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

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.

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, 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 Ensuiko 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 Ensuiko 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

BOS365179.1

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

BOS365180.1

BOS365180.1