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concerning document should be mailed: 6. Total number of applications and patents involved: Name: Ronald I. Eisenstein Internal Address: NIXON PEABODY LLP Internal Address: NIXON PEABODY LLP Internal Address: 101 Federal Street Street Address: 101 Federal Street 8. Deposit account number: 8. Deposit account number: City: Boston Statement and signature To the foregoing information is true and correct and any attached copy is a true copy of the original document. Ronald I. Eisenstein Signature Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 18 Mul documents to be recorded with required cover sheet, attachments to: Commissioners Pages including cover sheet, attachments and document:	Addit	tional numbers attached? Yes	X No		
concerning document should be mailed: 6. Total number of applications and patents involved: Name: Ronald I. Eisenstein Internal Address: NIXON PEABODY LLP Internal Address: NIXON PEABODY LLP Internal Address: NIXON PEABODY LLP Internal Address: 101 Federal Street Street Address: 101 Federal Street Rotat 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 Signature Total number of pages including cover sheet, attachments, and document: Mul documents to be recorded with required cover sheet, attachments	5 Name and address of party to whom corresp	ondence			
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Image: Street Address: 101 Federal Street Street Address: 101 Federal Street 8. Deposit account number: City: Boston State: MA ZIP: 02110 (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 Signature Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Bex Assignments	Name: <u>Ronald I. Eisenstein</u>	7. Total fee (37 (CFR 3.41) \$ 40.00		
Authorized to be charged to deposit account Street Address: 101 Federal Street 8. Deposit account number: City Boston State: MA_ZIP: 02110 (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 Signature Total number of pages including cover sheet, attachments, and document: Mail documents, be a recorded with required cover sheet information to: Commissioner of Patents & Treatments, and document:	Internal Address: <u>NIXON PEABODY LLP</u>				
Street Address: 101 Federal Street 8. Deposit account number: City: Boston State: MA_ZIP: 02110 (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 Signature Image: Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments		X Enclosed			
City: Boston State: MA ZIP: 02110 (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 Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments		Authorized	to be charged to deposit account		
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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 Romald Fueeu 9/1/00 Name of Person Signing Signature 18 Mail documents to be recorded with required cover sheet, attachments, and document:	101 reactar succe	8. Deposit accou	nt number:		
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 Romald Fuegen for a fulloo Name of Person Signing Signature Image: Total number of pages including cover sheet, attachments, and document: Date Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments	city Boston State: MA	02110			
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 Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments	City Doston State. IVIA		the copy of this page if paying by deposit account)		
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. <u>Ronald I. Eisenstein</u> Name of Person Signing <u>Total number of pages including cover sheet, attachments, and document:</u> <u>Mail documents to be recorded with required cover sheet information to:</u> <u>Commissioner of Patents & Trademarks, Box Assignments</u>					
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(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

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-choTsurumi-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

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 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 16.6% 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.

BOS363369.1

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 <u>March</u>, 2000.

Tadakatsu Mandai

Witness

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

BOS365158.1

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, Hiroshi Okumoto, hereunto set my hand and seal this <u>16 day of <u>March</u>, 2000.</u>

Hinshi Okumoto

Witness

BOS365158.1

PATENT REEL: 011056 FRAME: 0981 İ.

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 2chome, 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

BOS365166.1

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.

Kozo Hara

Witness

BOS365172.1

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 2chome, 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

BOS365170.1

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.

Katsuhiko Mikuni

Witness

BOS365170.1

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 2chome, 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

BOS365172.1

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

Kaji Kuna Koji Hara

Witness

BOS365166.1

I, Yoshinori Tsuchiya, a Japanese citizen residing at

C/O K	AKEN	PHARMACE	UTICAL	CO.,	LTD.	
28-8,	Honk	comagome	2-chome	. Bun	<u>kyo-ku,</u>	

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 2chome, 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

BOS365175.1

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 2/ day of March , 2000.

Witness

Joshinor: Isuching

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 2chome, 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

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

<u>Kosho Nakamuna</u> Kosho Nakamura

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 2chome, 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

BOS365180.1

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 2/ day of <u>March</u>, 2000.

Shipe End

Witness

Teruhiko Umetsu

BOS365180.1

RECORDED: 09/11/2000