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

1. Name of conveying party(ies):

Ryuichi KANASAKI; Shigehiro TAKASE; Michizane HASHIMOTO; Hiroshi HATANAKA; Kazutoshi SAKAMOTO; Seiji HASHIMOTO; Nobuyuki SHIRAISHI; Hidenori OHKI and Kohji KAWABATA

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

3. Nature of Conveyance:

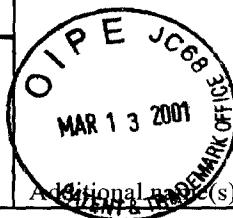
- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: JANUARY 17, 2001

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

Name: Fujisawa Pharmaceutical Co., Ltd.

Address: 4-7, Doshomachi, 3-chome
Osaka-shi, Osaka 541 Japan



Additional name(s) and 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)
09/308,218

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total applications and patents involved: 1

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

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Commissioner of Patents and Trademarks
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PATENT
REEL: 011586 FRAME: 0420

Assignment Of Application

WHEREAS, I (WE) 1) Ryuichi KANASAKI 2) Shigehiro TAKASE 3) Michizane

HASHIMOTO 4) Hiroshi HATANAKA 5) Kazutoshi SAKAMOTO 6) Seiji HASHIMOTO

7) Nobuyuki SHIRAISHI 8) Hidenori OHKI and 9) Kohji KAWABATA of:

1) 3-41-1, Shintoride, Toride-shi, Ibaraki 302 JAPAN

2) 1-12-10, Sousha, Ishioka-shi, Ibaraki 315 JAPAN

3) 3-11-3, Namiki, Tsuchiura-shi, Ibaraki 300 JAPAN

4) 3-12-21, Matsugaoka, Moriyamachi, Kitasouma-gun, Ibaraki 302-01 JAPAN

5) 2-17-14, Ottominami, Tsuchiura-shi, Ibaraki 300 JAPAN

6) 1194-1, Sasagi, Tsukuba-shi, Ibaraki 305 JAPAN

7) 2-2-10, Midorigaoka, Ikeda-shi, Osaka 563 JAPAN

8) 4-4-13-107, Nakasuji, Takarazuka-shi, Hyogo 665 JAPAN

9) 2-5-30, Maruyamadai, Kawanishi-shi, Hyogo 666-01 JAPAN

_____, respectively,

have invented certain new and useful improvements in: CYCLIC HEXAPEPTIDES HAVING
ANTIBIOTIC ACTIVITY,

for which an application for Letters Patent was executed on January 17, 2001

(Application No. 09/308,218, filed June 16, 1999), and

WHEREAS, FUJISAWA PHARMACEUTICAL CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 4-7, Doshomachi

3-chome, Chuo-ku, Osaka-shi, Osaka 541 JAPAN,

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

INSERT TITLE
OF INVENTION:

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: ✓ January 17, 2001

R Kanasaki
 (Signature of Inventor) Ryuichi KANASAKI

Date: ✓ January 17, 2001

Shigehiro Takase
 (Signature of Inventor) Shigehiro TAKASE

Date: ✓ January 17, 2001

Michizane Hashimoto
 (Signature of Inventor) Michizane HASHIMOTO

Date: ✓ January 17, 2001

Hiroshi Hatanaka
 (Signature of Inventor) Hiroshi HATANAKA

Date: ✓ January 17, 2001

K. Sakamoto
 (Signature of Inventor) Kazutoshi SAKAMOTO

Date: ✓ January 17, 2001

S. Hashimoto
 (Signature of Inventor) Seiji HASHIMOTO

Date: ✓ January 17, 2001

Nobuyuki Shiraiishi
 (Signature of Inventor) Nobuyuki SHIRAIISHI

Date: ✓ January 17, 2001

Hidenori Ohki
 (Signature of Inventor) Hidenori OHKI

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
 ATTORNEYS AT LAW
 FOURTH FLOOR
 1755 JEFFERSON DAVIS HIGHWAY
 ARLINGTON, VIRGINIA 22202

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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Date: January 17, 2001

Kohji Kawabata
(Signature of Inventor) Kohji KAWABATA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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