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PATENT



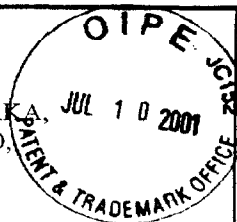
101777527

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

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

7-10-01



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

Name: FUJISAWA PHARMACEUTICAL CO., LTD.

Address: 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 JAPAN

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

3. Nature of Conveyance:

- Assignment Merger
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Reel/Frame 011586/0420, Bar Code No. *101641291A*
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Execution Date: January 17, 2001

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)

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22850

5. Name and address of party to whom
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6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
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8. Deposit account number: 15-0030
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Norman F. Oblon

Name of Person Signing

Surinder Sachar

Signature

7-10-01

Date

Registration Number: 24,618

Surinder Sachar
Registration No. 34,423

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3-13-01



101641291

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Ryuichi KANASAKI; Shigehiro TAKASE; Michizane HASHIMOTO; Hiroshi HATANAKA; Kazutoshi SAKAMOTO; Seiji HASHIMOTO; Nobuyuki SHIRAIISHI; Hidenori OHKI and Kohji KAWABATA</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: Fujisawa Pharmaceutical Co., Ltd. Address: 4-7, Doshomachi, 3-chome Osaka-shi, Osaka 541 Japan</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: JANUARY 17, 2001</p>	<p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>




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:

<p>A. Patent Application No.(s) 09/308,218</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>  <p>22850</p>	<p>6. Total applications and patents involved: 1</p> <hr/> <p>7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <hr/> <p>8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)</p>
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<p>Milton Sterman Name of Person Signing</p>	 Signature	<p>March 13 2001 Date</p>
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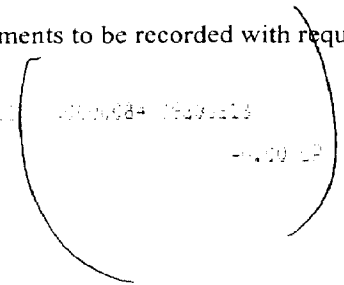
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Assignment Of Application

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

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

7) Nobuyuki SHIRAIISHI 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,

INSERT TITLE
OF INVENTION:

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

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

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

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

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

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.

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: <u>January 17, 2001</u>	<u>R Kanasaki</u> (Signature of Inventor) <u>Ryuichi KANASAKI</u>
Date: <u>January 17, 2001</u>	<u>Shigehiro Takase</u> (Signature of Inventor) <u>Shigehiro TAKASE</u>
Date: <u>January 17, 2001</u>	<u>Michizane Hashimoto</u> (Signature of Inventor) <u>Michizane HASHIMOTO</u>
Date: <u>January 17, 2001</u>	<u>Hiroshi Hatanaka</u> (Signature of Inventor) <u>Hiroshi HATANAKA</u>
Date: <u>January 17, 2001</u>	<u>K. Sakamoto</u> (Signature of Inventor) <u>Kazutoshi SAKAMOTO</u>
Date: <u>January 17, 2001</u>	<u>S. Hashimoto</u> (Signature of Inventor) <u>Seiji HASHIMOTO</u>
Date: <u>January 17, 2001</u>	<u>Nobuyuki Shiraiishi</u> (Signature of Inventor) <u>Nobuyuki SHIRAIISHI</u>
Date: <u>January 17, 2001</u>	<u>Hidenori Ohki</u> (Signature of Inventor) <u>Hidenori OHKI</u>

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.

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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)

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