

12-29-05



103154115

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

1. Name of conveying party(ies):

Hiroyuki AONO
Yaeko TSUKAHARA

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

SANTEN PHARMACEUTICAL CO., LTD.
9-19, Shimoshinjo 3-chome
Higashiyodogawa-ku, Osaka-shi
Osaka 533-8651 Japan

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): December 7, 2005, December 7, 2005, respectively.

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

10/562742

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

December 7, 2005, December 7, 2005, respectively.

A. Patent Application No. (s)

B. Patent No.(s)

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

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
220 Fifth Avenue, 16th Floor
New York, New York 10001-7708

6. Total number of applications and patents involved: 1

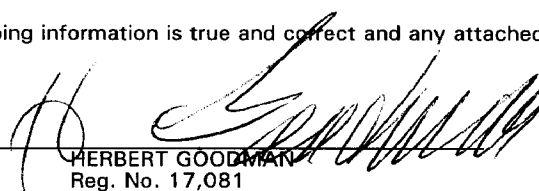
7. Total fee (37 CFR 3.41): \$ 40.00

[X] PTO Form 2038 (Payment by Credit Card) (included in filing fee)

[X] Charge Deposit Account No. 06-1378 for any fees not covered by Form PTO-2038

8. 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.

By 
HERBERT GOODMAN
Reg. No. 17,081

Dated: December 29, 2005

Express Mail" Mailing Label No. EV 721 636 701 US

Date of Deposit: December 29, 2005

I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Lori Valdes

ASSIGNMENT - PCT

22-004

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

INHIBITOR OF PAIN THRESHOLD DECREASE

sell and assign to **SANTEN PHARMACEUTICAL CO., LTD.**

a corporation of **Japan**

having a business address at **9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan**

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

corresponding to international application number **PCT/JP04/009766** filed **02/07/04** ;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR:SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: Type: SHIMOMURA Kyoichi SHIMOYAMA	Date: Witness:	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: <i>Hiroyuki Aono</i> Type: HIROYUKI AONO	Date: Dec. 7, 2005 Witness: <i>K. Watanabe</i>	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: <i>Yaeko Tsukahara</i> Type: YAЕKO TSUKAHARA	Date: Dec. 7, 2005 Witness: <i>K. Watanabe</i>	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: Type: TAЕKO HATA	Date: Witness:	Address: 339-8, Umizuka, Kaizuka-shi, Osaka 597-0083 Japan

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT
REQUIRED.

RECORDING OFFICER:

After recording, please return to:
Customer No. 01933
FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023
Tel. No.: (212) 319-4900 Fax No.: (212) 319-5101

ASSIGNMENT - PCT

22. 004

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

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its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

corresponding to international application number **PCT/JP04/009766** filed **02/07/04** ;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial number and filing date of said application when known.

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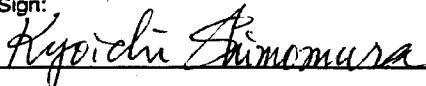
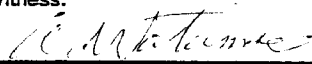
FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

INVENTOR:SIGNATURE

DATE

POST OFFICE ADDRESS

Sign:  Type: SHIMOMURA Kyoichi SHIMOMURA	Date: Dec. 7, 2005	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: Type: SHIMOMURA Kyoichi SHIMOMURA	Date: Witness: 	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: Type: AONO Hiroyuki AONO	Date: Witness: 	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: Type: TSUKAHARA Yaeko TSUKAHARA	Date: Witness: 	Address: c/o Santen Pharmaceutical Co., Ltd., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 Japan
Sign: Type: HATA Taeko HATA	Date: Witness: 	Address: 339-8, Umizuka, Kaizuka-shi, Osaka 597-0083 Japan

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RECORDED: 12/29/2005

PATENT
REEL: 017552 FRAME: 0960