Form PTO-1595

## **ER SHEET**

Docket	No.	09270/HG

00	10-2003

\_103560191 To the Honorable Commissioner o. . .......

1 the attached original documents or copy thereof.

AP19 Rec'd PCT/PTO 0 7 MAY 2009 12/312392

Name of conveying party(ies):

**Mamoru MATSUDA Masato NAGATSUKA** Toshiyuki MORI Sachiko KOBAYASHI Masatomo KATO

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

Miwa TAKAI					
3. Nature of conveyance: - A	SSIGNMENT				
Execution Date(s):Febr	uary 17, 2009,	February 17, 2009 ,	February 17, 2009,		
February 17, 2009	February 17, 2009	, <u>February 17, 2009</u>	_, respectively.		
4. Application number(s) or pa	tent number(s):				
If this document is being filed together with a new application, the execution date of the application is as follows:					
February 17, 2009	, <u>February 17, 2009</u>	, <u>February 17, 2009</u>			
February 17, 2009	, <u>February 17, 2009</u>	, <u>February 17, 2009</u>	, respectively.		
A. Patent Application No. (s)		B. Patent No.(s)			
5. Name and address of party	to whom correspondence of	concerning document should be ma	niled:		
220 Fifth A	, HOLTZ, GOODMAN & venue, 16th Floor New York 10001-7708	CHICK, P.C.			
6. Total number of applications ar	nd patents involved:1				
7. Total fee (37 CFR 3.41): \$	10.00				
[X] PTO Form 2038 (Pa	yment by Credit Card) (includ	ded in filing fee)			
[X] Charge Deposit Acc	count No. 06-1378 for any fee	s not covered by Form PTO-2038			
8. Statement and signature:					
To the best of my knowledocument.  Dated: MAY 7, 2009	edge and belief, the foregoing i	nformation is true and correct and any a	ettached copy is a true copy of the original		
Express Mail" Mailing Label No	EM 289 192 446 US	Reg. No. 17,081			
Date of Deposit: MAY 7, 2009					
I hereby certify that this paper and Addressee" service under 37 CFR 22313-1450.	enclosed application and fee a 1.10 on the date indicated abo	are being deposited with the United Stat eve and is addressed to the Commission	es Postal Service "Express Mail Post Office to ner for Patents, P.O. Box 1450, Alexandria, VA		
Lori Valdes 8/4/93		Total number of pages including	cover sheet, attachments and document: 3		
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**PATENT** 

**REEL: 022676 FRAME: 0209** 

05/2005FHG&C

U.S. Attorney Docket

## **ASSIGNMENT - PCT**

12/312392

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:

NOVEL 1,2-DIHYDROQUINOLINE DERIVATIVE HAVING SUBSTITUTED PHENYLCHALCOGENO

LOWER ALKYL GROUP AND ESTER-INTRODUCED PHENYL GROUP AS SUBSTITUENTS 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/JP2007/072081 filed 14 November 2007;

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., 220 Fifth Avenue – 16th Floor – New York, NY 10001-7708.

INVENTOR:SIGNATURE	DATE	POST OFFICE ADDRESS	
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Type: Mamoru MATSUDA	Witness: Li hatanah		
Sign: Masato Nazatanka	Date: 17 February 2009	Address: c/o SANTEN PHARMACEUTICAL CO., LTD.,	
Type: Masato NAGATSUKA	Witness: 12 Andanake	8916-16, Takayama-cho, Ikoma-shi, Nara 630-0101 Japan	
Sign: Joshiyuki mori	Date: 17 February 2009	Address: c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara 630-0101 Japan	
Type: Toshiyuki MORI	Witness: a live tanale		
Sign: Sachiko Kolayashi	Date: 17 February 2009	Address: c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara 630-0101 Japan	
Type: Sachiko KOBAYASHI	Witness: A Watenda		
NOTES: MUST BE DATED.	WITNESS DESIRABLE.	LEGALIZATION NOT REQUIRED	

RECORDING OFFICER:

After recording, please return to: Customer No. <u>01933</u> FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.

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> PATENT REEL: 022676 FRAME: 0210

## **ASSIGNMENT - PCT**

INVENTOR:SIGNATURE	DATE	POST OFFICE ADDRESS	
Sign: Masatonno Catt	Date: 17 February 2009	Address: c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara 630-0101 Japan	
Type: Masatomo KATO	Witness:  A. Williamle		
sign: miwa Takai	Date: 17 February 2009	Address: c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara 630-0101 Japan	
Туре: Міwa ТАКАІ	Witness: A. Walanoho		
Sign:	Date:	Address:	
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Туре:	Witness:		
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Sign:	Date:	Address	
Туре:	Witness:		

PATENT REEL: 022676 FRAME: 0211

**RECORDED: 05/07/2009**