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RECORDATION FORM COVER SHEET

PATENTS ONLY



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To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Tadao SHIBUTANI, Yasuo SHOJI, Takashi OKAMURA,
Tsuneo YASUDA and Takeshi IWAMOTO

Additional name(s) of conveying party(ies) attached?
 yes no

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

Name:
OTSUKA PHARMACEUTICAL FACTORY, INC.
Internal Address:
115, Aza Kuguhara, Tateiwa, Muya-cho, Naruto-shi, Tokushima
772-8601, Japan
Street Address:
Same as above

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: November 19, 1999

City State Zip

Additional name(s) & 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:
November 19, 1999

A. Patent Application No.(s) | B. Patent No(s).

Additional numbers attached? Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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8. Deposit Account No.
(Attach dupl. copy of this page if paying by 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.

Maddell A. Biggart
Name Maddell A. Biggart Reg. No. 24,861
December 9, 1999
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 3

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Assignment

Whereas, I/We, SHIBUTANI Tadao, SHOJI Yasuo, OKAMURA Takashi, of
YASUDA Tsuneo and IWAMOTO Takeshi

See the attached sheet
hereinafter called assignor(s), have invented certain improvements in

NAPHTHYRIDINE DERIVATIVES

and executed an application for Letters Patent of the United States of America therefor on
November 19, 1999; and

Whereas, OTSUKA PHARMACEUTICAL FACTORY, INC. of
115, Aza Kuguhara, Tateiwa, Muya-cho, Naruto-shi, Tokushima 772-8601,
Japan
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: November 19, 1999 s/ Tadao Shibutani
SHIBUTANI Tadao

Date: November 19, 1999 s/ Yasuo Shoji
SHOJI Yasuo

Date: November 19, 1999 s/ Takashi Okamura
OKAMURA Takashi

Date: November 19, 1999 s/ Tsuneo Yasuda
YASUDA Tsuneo

Date: November 19, 1999 s/ Takeshi Iwamoto
IWAMOTO Takeshi

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

- Attached Sheet -

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