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original documents or copy thereof.

To the Director, U.S. Patent and Trademark

102979678

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) (1) Akihito FUJII (2) Toshiyuki NEGORO (3) Chiaki MIGIHASHI (4) Makoto MURATA (5) Keiji NAKAMURA (6) Takashi NUKUDA (7) Takafumi MATSUMOTO (8) Kiyomi IMANO Additional name(s) of conveying party(ies) attached? () Yes (X) No		2. Address of receiving party(ies): Name: DAINIPPON PHARMACEUTICAL CO., LTD. Address: 6-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan Additional name(s) of receiving party(ies) attached? () Yes (X) No	
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) All executed on July 2, 2004		4. US or PCT Application number(s) or US Patent number(s): (X) Application(s) filed herewith Additional numbers attached? () Yes (X) No	
5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Return Fax: (949) 760-9502 Attorney's Docket No.: SAEG169.001APC		6. Total number of applications and patents involved: 1	
7. Total fee (37 CFR 1.21(h)): \$40 (X) Enclosed		8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.	
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. <div style="display: flex; justify-content: space-between;"><div>Name of Person Signing <u>Katsuhiro Arai</u> 43,315 Registration No.</div><div style="text-align: center;"> Signature</div><div style="text-align: right;">July 30, 2004 Date</div></div> <div style="text-align: right;">Total number of pages including cover sheet, attachments and document: 4</div>			

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PATENT
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ASSIGNMENT

WHEREAS, I/WE (1) FUJII Akihito,

a Japanese citizen, residing at 6-20, Mayumiminami 1-chome, Ikoma-shi,
Nara 630-0123, Japan

(2) NEGORO Toshiyuki,

a Japanese citizen, residing at 7-38, Asashirohigashi 4-chome,
Kumatori-cho, Sennan-gun, Osaka 590-0457, Japan

(3) MITIHASHI Chiaki,

a Japanese citizen, residing at 31-1-1015, Mibu Tsujimachi, Nakagyo-ku,
Kyoto-shi, Kyoto 604-8822, Japan

(4) MURATA Makoto,

a Japanese citizen, residing at 14-43, Koganeno 2-chome, Hirakata-shi,
Osaka 573-1145, Japan

(5) NAKAMURA Keiji,

a Japanese citizen, residing at 11-5, Mamigaoka 7-chome, Kashiba-shi,
Nara 639-0223, Japan

(6) NUKUDA Takashi,

a Japanese citizen, residing at 15-22-206, Honmachi 3-chome,
Toyonaka-shi, Osaka 560-0021, Japan

(7) MATSUMOTO Takafumi,

a Japanese citizen, residing at 35-1, Hiyoshidai 6-bancho,
Takatsuki-shi, Osaka 569-1022, Japan

(8) IMANO Kiyomi,

a Japanese citizen, residing at 7-419, Shinkanaoka-cho 5-cho, Sakai-shi,
Osaka 591-8021, Japan

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new
and useful improvements in 2-FURANCARBOXYLIC ACID HYDRAZIDE COMPOUNDS AND
PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME,
the specification of which:

(a) ☐ is attached hereto; or

(b) ☐ was filed on _____ as Application
No. _____ or Express Mail No., as Application No. not
yet known _____ and was amended
on _____ (if applicable); or

(c) ☒ was described and claimed in PCT International Application No.
PCT/JP03/00871 filed on January 30, 2003
and as amended under PCT Article 19 on _____
(if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, DAINIPPON PHARMACEUTICAL CO., LTD.
6-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi,
with its principal place of business at Osaka 541-0045, Japan,
(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said
improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby
acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these
presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and
assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to
and under said improvements, and any Patent Applications in the United States of America and all divisions,
renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon
and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor
hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for
said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this
instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors,
legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal
proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths
and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and
enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 2nd day of July, 20 04 Akihito Fujii
Signature of FUJII Akihito

This 2nd day of July, 20 04 Toshiyuki Negoro
Signature of NEGORO Toshiyuki

This 2nd day of July, 20 04 Chiaki Migihashi
Signature of MIGHASHI Chiaki

This 2nd day of July, 2004 Makoto Murata.
Signature of MURATA Makoto

This 2nd day of July, 2004 Keiji NAKAMURA
Signature of NAKAMURA Keiji

This 2nd day of July, 2004 Takashi Nukuda
Signature of NUKUDA Takashi

This 2nd day of July, 2004 Takafumi Matsumoto
Signature of MATSUMOTO Takafumi

This 2nd day of July, 2004 Kiyomi Imano
Signature of IMANO Kiyomi

PF-58