

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Norimasa Iwasaki	08/13/2009
Akio Minami	08/13/2009
Yasuhiko Kasahara	08/13/2009
Tatsuya Igarashi	08/13/2009
Daisuke Kawamura	08/13/2009
Nobuo Ohzawa	08/06/2009
Mariko Imai	08/06/2009

RECEIVING PARTY DATA

Name:	MOCHIDA PHARMACEUTICAL CO., LTD.
Street Address:	7, Yotsuya 1-chome
City:	Shinjuku-ku, Tokyo
State/Country:	JAPAN
Postal Code:	160-8515

Name:	NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY
Street Address:	8, Kita 8-jyo Nishi 5-chome
City:	Kita-ku, Sapporo-shi, Hokkaido
State/Country:	JAPAN
Postal Code:	060-0808

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12461660

CORRESPONDENCE DATA

Fax Number: (202)672-5399
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

OP \$40.00 12461660

Phone: (202) 672-5300
Email: ptomailwashington@foley.com
Correspondent Name: Stephen B. Maebius
Address Line 1: Foley & Lardner LLP
Address Line 2: 3000 K Street, NW, 6th Floor
Address Line 4: Washington, DISTRICT OF COLUMBIA 20007-5143

ATTORNEY DOCKET NUMBER:	023312-0167
-------------------------	-------------

NAME OF SUBMITTER:	Stephen B. Maebius
--------------------	--------------------

Total Attachments: 8
source=023312-0167 Executed Assignment#page1.tif
source=023312-0167 Executed Assignment#page2.tif
source=023312-0167 Executed Assignment#page3.tif
source=023312-0167 Executed Assignment#page4.tif
source=023312-0167 Executed Assignment#page5.tif
source=023312-0167 Executed Assignment#page6.tif
source=023312-0167 Executed Assignment#page7.tif
source=023312-0167 Executed Assignment#page8.tif

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Mochida Pharmaceutical Co., Ltd.
7, Yotsuya 1-chome
Shinjuku-ku, Tokyo 160-8515 Japan

National University Corporation Hokkaido University
8, Kita 8-jyo Nishi 5-chome
Kita-ku, Sapporo-shi
Hokkaido, 060-0808 Japan

(hereinafter referred to singly and collectively as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

COMPOSITION FOR TREATING ARTHRITIC DISORDER

as set forth in this United States Patent Application

Check one executed concurrently herewith
 executed on _____
 Serial No. _____ Filed _____
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME AND SIGNATURE OF INVENTOR

NAME: NORIMASA IWASAKI SIGNATURE: *Norimasa Iwasaki* DATE: Aug. 13, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: SHIGEHICO YAMAGUCHI SIGNATURE: *Shigehiko Yamaguchi* DATE: Aug. 13, 2009

NAME: MAO KAISE SIGNATURE: *Mao Kaise* DATE: August 13, 2009

NAME AND SIGNATURE OF INVENTOR

NAME: AKIO MINAMI SIGNATURE: Akio Minami DATE: Aug. 13th, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: SHIGEHICO YAMAGUCHI SIGNATURE: Shigehiko Yamaguchi DATE: Aug. 13, 2009

NAME: MAO KAISE SIGNATURE: Mao Kaise DATE: August 13, 2009

NAME AND SIGNATURE OF INVENTOR

NAME: YASUHIKO KASAHARA SIGNATURE: Yasuhiro Kasahara DATE: Aug. 13, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: SHIGEHICO YAMAGUCHI SIGNATURE: Shigehiko Yamaguchi DATE: Aug. 13, 2009

NAME: MAO KAISE SIGNATURE: Mao Kaise DATE: August 13, 2009

NAME AND SIGNATURE OF INVENTOR

NAME: TATSUYA IGARASHI SIGNATURE: Tatsuya Igarashi DATE: 13rd. August. 2009

NAME AND SIGNATURE OF WITNESSES

NAME: SHIGEHICO YAMAGUCHI SIGNATURE: Shigehiko Yamaguchi DATE: Aug. 13, 2009

NAME: MAO KAISE SIGNATURE: Mao Kaise DATE: August 13, 2009

NAME AND SIGNATURE OF INVENTOR

NAME: DAISUKE KAWAMURA SIGNATURE: Daisuke Kawamura DATE: Aug. 13, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: SHIGEHICO YAMAGUCHI SIGNATURE: Shigehiko Yamaguchi DATE: Aug. 13, 2009

NAME: MAO KAISE SIGNATURE: Mao Kaise DATE: August 13, 2009

NAME AND SIGNATURE OF INVENTOR

NAME: NOBUO OHZAWA SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: MARIKO IMAI SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Mochida Pharmaceutical Co., Ltd.
7, Yotsuya 1-chome
Shinjuku-ku, Tokyo 160-8515 Japan

National University Corporation Hokkaido University
8, Kita 8-jyo Nishi 5-chome
Kita-ku, Sapporo-shi
Hokkaido, 060-0808 Japan

(hereinafter referred to singly and collectively as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

COMPOSITION FOR TREATING ARTHRITIC DISORDER

as set forth in this United States Patent Application

Check one executed concurrently herewith
 executed on _____
 Serial No. _____ Filed _____
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME AND SIGNATURE OF INVENTOR

NAME: NORIMASA IWASAKI SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: AKIO MINAMI SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: YASUHIKO KASAHARA SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: TATSUYA IGARASHI SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: DAISUKE KAWAMURA SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF WITNESSES

NAME: _____ SIGNATURE: _____ DATE: _____

NAME: _____ SIGNATURE: _____ DATE: _____

NAME AND SIGNATURE OF INVENTOR

NAME: NOBUO OHZAWA SIGNATURE: Nobuo Ohzawa DATE: 2009/08/06

NAME AND SIGNATURE OF WITNESSES

NAME: Hideo Kanehiro SIGNATURE: Hideo Kanehiro DATE: 2009/08/06

NAME: Masaaki Ishibashi SIGNATURE: Masaaki Ishibashi DATE: 2009/08/06

NAME AND SIGNATURE OF INVENTOR

NAME: MARIKO IMAI SIGNATURE: Mariko Imai DATE: 2009/08/06

NAME AND SIGNATURE OF WITNESSES

NAME: Hideo Kanehiro SIGNATURE: Hideo Kanehiro DATE: 2009/08/06

NAME: Masaaki Ishibashi SIGNATURE: Masaaki Ishibashi DATE: 2009/08/06

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.