

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshitaka NAKAMURA</td> <td>09/14/2009</td> </tr> <tr> <td>Masayuki MURAKAMI</td> <td>09/14/2009</td> </tr> <tr> <td>Makoto YAMAOKA</td> <td>09/30/2009</td> </tr> <tr> <td>Masakazu WAKAYAMA</td> <td>09/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yoshitaka NAKAMURA	09/14/2009	Masayuki MURAKAMI	09/14/2009	Makoto YAMAOKA	09/30/2009	Masakazu WAKAYAMA	09/14/2009		
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<table border="1"> <tr> <td>Name:</td> <td>DAIICHI SANKYO COMPANY, LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>3-5-1, Nihonbashi Honcho</td> </tr> <tr> <td>Internal Address:</td> <td>Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>103-8426</td> </tr> </table>		Name:	DAIICHI SANKYO COMPANY, LIMITED	Street Address:	3-5-1, Nihonbashi Honcho	Internal Address:	Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	103-8426
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CORRESPONDENCE DATA													
<p>Fax Number: 2123195101 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2123194900</p> <p>Email: ddefrancesco@hhpatent.com</p> <p>Correspondent Name: HOLTZ, HOLTZ, GOODMAN & CHICK PC</p> <p>Address Line 1: 220 Fifth Avenue</p> <p>Address Line 2: 16TH Floor</p> <p>Address Line 4: NEW YORK, NEW YORK 10001-7708</p>													
ATTORNEY DOCKET NUMBER:	09505D/RSB												
NAME OF SUBMITTER:	Dorothy DeFrancesco												
<p>Total Attachments: 1 source=09505DASSIGN#page1.tif</p>													

OP \$40.00 13795050

ASSIGNMENT

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 names are listed below) of an invention described in an application for United States patent entitled:

METHOD FOR MANUFACTURING NEURAMINIC ACID DERIVATIVES

sell and assign to DAIICHI SANKYO COMPANY, LIMITED

a corporation of Japan

having a business address at 3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo 103-8426 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/JP2008/057557 filed April 11, 2008;

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.

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, N.Y. 10001-7708

INVENTOR: SIGNATURE	DATE	POST OFFICE ADDRESS
Sign: <i>Yoshitaka Nakamura</i> Type: Yoshitaka NAKAMURA	Date: Sep. 14, 2009 Witness: <i>Kep. Sato</i>	Address: 1-4 c/o DAIICHI SANKYO COMPANY, LIMITED 1-12-1, Shinomiya, Hiratsuka-shi Kanagawa 254-0014, Japan
Sign: <i>Masayuki Murakami</i> Type: Masayuki MURAKAMI	Date: Sep. 14, 2009 Witness: <i>Kep. Sato</i>	Address: 1-4 c/o DAIICHI SANKYO COMPANY, LIMITED 1-12-1, Shinomiya, Hiratsuka-shi Kanagawa 254-0014, Japan
Sign: <i>Makoto Yamaoka</i> Type: Makoto YAMAOKA	Date: Sep. 30, 2009 Witness: <i>Kep. Sato</i>	Address: 1-4 c/o DAIICHI SANKYO COMPANY, LIMITED 1-12-1, Shinomiya, Hiratsuka-shi Kanagawa 254-0014, Japan
Sign: <i>Masakazu Wakayama</i> Type: Masakazu WAKAYAMA	Date: Sep. 14, 2009 Witness: <i>Kep. Sato</i>	Address: 1-4 c/o DAIICHI SANKYO COMPANY, LIMITED 1-12-1, Shinomiya, Hiratsuka-shi Kanagawa 254-0014, 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.

220 Fifth Avenue - 16th Floor, New York, N.Y. 10001-7708

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PATENT

RECORDED: 03/12/2013

REEL: 029969 FRAME: 0677