

## 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>Hidekazu Miyazaki</td> <td>08/16/2012</td> </tr> <tr> <td>Satoru Yanaka</td> <td>08/16/2012</td> </tr> <tr> <td>Shiro Tsubokura</td> <td>08/16/2012</td> </tr> <tr> <td>Tadashi Sugiura</td> <td>08/16/2012</td> </tr> <tr> <td>Kaoru Noda</td> <td>08/16/2012</td> </tr> <tr> <td>Kengo Suzuki</td> <td>08/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hidekazu Miyazaki	08/16/2012	Satoru Yanaka	08/16/2012	Shiro Tsubokura	08/16/2012	Tadashi Sugiura	08/16/2012	Kaoru Noda	08/16/2012	Kengo Suzuki	08/16/2012
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<table border="1"> <tr> <td>Name:</td> <td>Nippon Soda Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2-1, Ohtemachi 2-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8165</td> </tr> </table>		Name:	Nippon Soda Co., Ltd.	Street Address:	2-1, Ohtemachi 2-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN	Postal Code:	100-8165				
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Application Number:	13583733														
CORRESPONDENCE DATA															
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OP \$40.00 13583733

NAME OF SUBMITTER:

Kristel Schorr

Total Attachments: 2

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**ASSIGNMENT**

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

Nippon Soda Co., Ltd.  
2-1, Ohtemachi 2-chome  
Chiyoda-ku, Tokyo 100-8165 Japan

(hereinafter referred to 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

COMPOUND CONTAINING PYRIDINE RING AND METHOD FOR PRODUCING HALOGENATED  
PICOLINE DERIVATIVE AND TETRAZOLYLOXIME DERIVATIVE

as set forth in this United States Patent Application

Check  executed concurrently herewith  
one  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 Patent Cooperation Treaty, the Paris Convention and any other international agreement; 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: Hidekazu MIYAZAKI	SIGNATURE: <u>Hidekazu Miyazaki</u>	DATE: <u>August 16, 2012</u>
NAME: Satoru YANAKA	SIGNATURE: <u>Satoru Yanaka</u>	DATE: <u>August 16, 2012</u>
NAME: Shiro TSUBOKURA	SIGNATURE: <u>Shiro Tsubokura</u>	DATE: <u>August 16, 2012</u>
NAME: Tadashi SUGIURA	SIGNATURE: <u>Tadashi Sugiura</u>	DATE: <u>August 16, 2012</u>
NAME: Kaoru NODA	SIGNATURE: <u>Kaoru Noda</u>	DATE: <u>August 16, 2012</u>
NAME: Kengo SUZUKI	SIGNATURE: <u>Kengo Suzuki</u>	DATE: <u>August 16, 2012</u>

**NAME AND SIGNATURE OF WITNESSES**

NAME: _____	SIGNATURE: _____	DATE: _____
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.