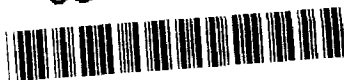


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To the Director of the U.S. Patent and Trademark Office

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1. Name of conveying party(ies)/Execution Date(s):

Keiji Maruoka

Execution Date(s) May 22, 2006

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
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☐ Other

2. Name and address of receiving party(ies)

Name: Nagase & Co., Ltd.

Internal Address:

Street Address: 1-17, Shinmachi, 1-chome

City: Nishi-ku, Osaka-shi

State: Osaka

Country: Japan Zip: 550-8668

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory Turocy

Internal Address:

Amin, Turocy & Calvin, LLP

Street Address: 24th Floor, National City Center

1900 E. 9th Street

City: Cleveland

State: Ohio

Zip: 44114

Phone Number: 216-696-8730

Fax Number: 216-696-8731

Email Address:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
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9. Signature:

Signature

Gregory Turocy, 36,952

Name of Person Signing

July 24, 2006

Date

Total number of pages including cover sheet, attachments, and documents:

3

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Keiji Maruoka
c/o Department of Chemistry
Graduate School of Science, Kyoto University
Kitashirakawa-oiwake-cho, Sakyo-ku, Kyoto-shi
Kyoto 606-8502 Japan

hereby sell and assign to NAGASE & CO., LTD., having a place of business at 1-17, Shinmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8668, JAPAN its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

OPTICALLY ACTIVE QUATERNARY AMMONIUM SALT HAVING AXIAL
ASYMMETRY AND PROCESS FOR PRODUCING α -AMINO ACID AND DERIVATIVE
THEREOF WITH THE SAME

for which application for United States Letters Patent has been filed on _____ under Serial No. _____ or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing

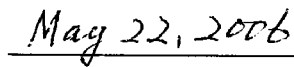
the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

Amin & Turocy, LLP, 24th Floor National City Center, 1900 East 9th Street, Cleveland, Ohio 44114.

Signed:

Date:



Keiji Maruoka