

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Yoshio OKAMOTO | 09/27/2007 |
| Chiyo YAMAMOTO | 09/27/2007 |
| Tomoyuki IKAI | 09/27/2007 |
| Masami KAMIGAITO | 09/27/2007 |

RECEIVING PARTY DATA

| | |
|-----------------|---|
| Name: | National University Corporation Nagoya University |
| Street Address: | 1, Furo-cho, Chikusa-ku, Nagoya City, |
| City: | Aichi |
| State/Country: | JAPAN |
| Postal Code: | 464-8601 |

| | |
|-----------------|-----------------------------------|
| Name: | Daicel Chemical Industries, Ltd. |
| Street Address: | 1, Teppo-cho, Sakai-ku, Sakai-shi |
| City: | Osaka |
| State/Country: | JAPAN |
| Postal Code: | 5908501 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11918331 |

CORRESPONDENCE DATA

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PATENT

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3400.P1448US

NAME OF SUBMITTER:

Terryence F. Chapman

Total Attachments: 1

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ASSIGNMENT

United States (Sole or Joint)
(Excluding Foreign Rights)

U.S. Serial No. 11/918 331

WHEREAS, I/We, (1) Yoshio OKAMOTO, (2) Chiyo YAMAMOTO,
(3) Tomoyuki IKAI and (4) Masami KAMIGAITO,

residing at c/o National University Corporation Nagoya University,
1, Furo-cho, Chikusa-ku, Nagoya City, Aichi 464-8601, Japan

have invented certain new and useful improvements in "BEAD FOR
ENANTIOMERIC ISOMER RESOLUTION AND PROCESS FOR PRODUCING THE SAME"

for which an application for United States Letters patent was filed
on April 28, 2006 as PCT/JP2006/309358,

WHEREAS, (a) National University Corporation Nagoya University, and
(b) Daicel Chemical Industries, Ltd.,
having a place of business at

(a) 1, Furo-cho, Chikusa-ku, Nagoya City, Aichi 464-8601, Japan, and
(b) 3-4-5, Umeda, Kita-ku, Osaka-shi, Osaka 530-0001, Japan,
hereinafter called the "Assignee", is desirous of acquiring the entire
right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefor, in the United States and
its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00)
and other valuable considerations, the receipt whereof is hereby
acknowledged, I/we have sold, assigned and transferred, and by these
presents do sell, assign, transfer and confirm in and to said Assignee
my/our full and exclusive right to the said invention in the United
States and its territorial possessions and my/our entire right, title
and interest in and to said application and any and all Letters Patent
which may be granted therefor in the United States and its territorial
possessions and in and to any and all divisions, reissues, continuations
and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in
the United States to issue any and all of said Letters Patent, when
granted, to said Assignee for the sole use and behoof of the said
Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witnessed by:

Inventor(s):

Date:

Yoshio Okamoto

Sep. 27, 2007

Yoshio OKAMOTO

Chiyo Yamamoto

Sep. 27, 2007

Chiyo YAMAMOTO

Tomoyuki Ikai

Sep. 27, 2007

Tomoyuki IKAI

Masami Kamigaito

Sep. 27, 2007

Masami KAMIGAITO

PATENT

RECORDED: 01/15/2009

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