

FORM PTO-1595
1-31-92

DOCKET NO. IPA-027

10-01-2008



103527559

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commission

Attached original documents or copy thereto:

1. Name of conveying party(ies):

1. Keisuke OHTSUKA
2. Yoshifumi MIYANO
3. Hirokazu TANAKA
(Deceased signed by Eiko TANAKA)

2. Name and address of receiving party(ies):

Name: JGC CATALYSTS and CHEMICALS LTD.
Street Address: 580 Horikawa-cho, Saiwai-ku,
City: Kawasaki-shi,
State: Kanagawa,
Zip:
Country: Japan

3. Nature of conveyance:

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

Execution Date: September 10, 2008

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

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: 09/10/2008

A. Patent Application No(s).

B. Patent No(s).

New Application - Not yet assigned

Additional numbers attached? ☐ Yes ☒ No

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

Name:

KANESAKA BERNER & PARTNERS

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria State: VA Zip: 22314

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41), \$ 40.00

- ☐ Enclosed
☐ Authorized to be charged to deposit account
☒ Credit Card payment form enclosed

8. Deposit account number: 11-0219

DO NOT USE THIS SPACE

9. Signature.

Manabu KANESAKA, 31,467

Name of Person, Registration No.

Signature

September 25, 2008

Date

Total number of pages including cover sheet, attachment, and document:

CMB No. 0851-0011 (exp. 4/94)

Kindly use the attorneys' address associated with the following Customer Number for future correspondence.

09/25/2008 09:07:11 00000041 12225594

04 10:00:21

40.00 DP

PATENT
REEL: 021621 FRAME: 0201

ASSIGNMENT

For value received, I/we,

Keisuke OHTSUKA and Yoshifumi MIYANO

each having post office address at

c/o Kitakyushu Office, JGC Catalysts and Chemicals Ltd.,

13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka, Japan

hereby sell, assign and transfer to

JGC Catalysts and Chemicals Ltd.

a corporation existing under the laws of Japan located at

580 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan

and its successors, assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

described in application for Letters Patent of the United States, and

PCT/JP2007/ 53430 Filed February 23, 2007

and all patents which may be granted therefore, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature Keisuke Ohtsuka
Keisuke OHTSUKA

Date Sep. 10, 2008

Signature Yoshifumi MIYANO
Yoshifumi MIYANO

Date Sep. 10, 2008

ASSIGNMENT

For value received, I/We, Eiko Tanaka, the heir of the estate of Hirokazu Tanaka as shown in a copy of the declaration attached herewith
residing address at 10-3, Takasuhigashi 3-chome, Wakamatsu-ku,
Kitakyushu-shi, Fukuoka, Japan

hereby sell, assign and transfer to JGC Catalysts and Chemicals Ltd.

a corporation existing under the laws of Japan
located at 580 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan
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in and to certain inventions relating to _____

described in application for Letters Patent of the United States, and
PCT/JP2007/53430 Filed February 23, 2007

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continuations and extensions thereof, and authorize and request the
Commissioner of Patents and Trademarks to issue all patents on said
improvements or resulting therefrom to said Company as assignee of the
entire interest, and covenant that I/We have full right so to do, and agree
that I/We will communicate to said Company or its representatives any facts
known to me/us respecting said improvements and testify in any legal
proceedings, sign all lawful papers, execute all divisional, continuing
and reissue applications, make all rightful oaths and generally do
everything possible to aid said Company, its successors, assigns, and
nominees, to obtain and enforce proper protection for said invention in
the United States.

Signature Eiko Tanaka Date Sep. 10. 2008

Eiko Tanaka