

08-06-2008

FORM PTO-1595
1-31-92

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103517936

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

7.29.08

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| <p>1. Name of conveying party(ies):</p> <p>1. Takashi KODAMA 2. Tsuguo KOYANAGI</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: JGC CATALYSTS and CHEMICALS LTD. Street Address: 580 Horikawa-cho, Saiwai-ku, City: Kawasaki-shi, State: Kanagawa, Zip: Country: Japan</p> |
| <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: July 4, 2008</p> | <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |

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: 07/04/2008


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| <p>A. Patent Application No(s).</p> | <p>B. Patent No(s).</p> |
|-------------------------------------|-------------------------|

Additional numbers attached? Yes No

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| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: KANESAKA BERNER & PARTNERS</p> <p>Internal Address:</p> <p>Street Address: 1700 Diagonal Road, Suite 310</p> <p>City: Alexandria State: VA Zip: 22314</p> | <p>6. Total number of applications and patents involved: <u>one</u></p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Credit Card payment form enclosed</p> <p>8. Deposit account number: 11-0219</p> |
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9. Signature.

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| <p>Manabu Kanesaka, 31,467</p> <p>Name of Person, Registration No.</p> |  Signature | <p>July 29, 2008</p> <p>Date</p> |
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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.

07/30/2008 MAHMEDI 00000029 12219823

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ASSIGNMENT

For value received, we,

Takashi KODAMA and Tsuguo KOYANAGI

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

Catalytic Composition for Oxychlorination and Method for Preparing the Same

described in application for Letters Patent of the United States,

executed by me/us on this date, and all patents which may be granted therefor, 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 Takashi Kodama
Takashi KODAMA

Date July 4, 2008

Signature Tsuguo Koyanagi
Tsuguo KOYANAGI

Date July 4, 2008