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Atty Docket: 31671-171341

To the h. Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yasuhiro IWASAWA
Youzhu YUAN
Takafumi SHIDO
Nobuhiro TAMURA

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

2. Name and address of receiving party(ies)

Name: Japan Science and Technology Corporation

Internal Address:

Street Address: 1-8, Honcho 4-chome, Kawaguchi-shi,

City: Saitama State/Country: Japan

Zip: 332-0012

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

3. Nature of conveyance:

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

Execution Date: June 1, 2001, June 4, 2001, June 1, 2001
and June 1, 2001, respectively

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

If this document is being filed together with a new application, the execution date of the application by the first named inventor is:

A. Patent Application No.(s)

B. Patent No.(s)

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Additional numbers attached? ☐ Yes ☒ No

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



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PATENT TRADEMARK OFFICE

Name: VENABLE

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6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert Kinberg, Reg. No. 26,924

Name of Person Signing

Signature

July 24, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

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ATTORNEYS AT LAW

PATENT
REEL: 012346 FRAME: 0333

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WHEREAS Yasuhiro IWASAWA of Tokyo, Youzhu YUAN of Tokyo, Takafumi SHIDO of Tokyo, and Nobuhiro TAMURA of Kanagawa, all of Japan, hereinafter collectively referred to as the assignor, has invented a certain improvement relating to A METHOD FOR MANUFACTURING PARTIAL OXIDES OF LOWER ALCOHOLS for which said assignor has caused an application for United States Letters Patent to be prepared,

- [] the Assignors' declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- [] said application having been filed in the United States Patent and Trademark Office on _____ Serial Number _____;
- [X] said application having been filed under the Patent Cooperation Treaty on September 19, 2000, Serial No. PCT/JP00/06380, the United States of America being designated.

AND WHEREAS JAPAN SCIENCE AND TECHNOLOGY CORPORATION 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 1 day of June, 2001.

Signature: 岩澤康裕
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ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket
31671-171341 RK

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EXECUTED, this 1 day of June, 2001.

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