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101391688

FORM PTO-1595

M&G-12109.26US01

OMB No. 0651-0011 (exp. 4/94)

(Rev. 6-93)

27 June 2005

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Toshihiko SAKURAI 1) N.E. Chemcat Corporation Yusuke NAKAYA 4-1, Hamamatsucho 2-chome Masato KAWAI Minato-ku, Tokyo 105-0013 Morimitsu NAKAMURA Japan Nobuhiro OKAMURA 2) Nippon Sanso Corporation 16-7, Nishi-shinbashi 1-chome Mintao-ku, Tokyo 105-0003, Japan Additional name(s) of conveying party(ies) attached?

Yes

No Additional name(s) & address(es) attached?

Yes

No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: May 23, 2000, May 22, 2000, May 11, 2000, May 11, 2000 and May 15, 2000 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 is: May 23, 200, May 22, 2000, May 11, 2000, May 11, 2000 and May 15, 2000 04584886 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?
Yes
No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): Curtis B. Hamre Name: Address: Merchant & Gould P.C. Authorized to be charged to deposit account P.O. Box 2903 Minneapolis, MN 55402-0903 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725 DO NOT USE THIS SPACE 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. Curtis B. Hamre June 1, 2000 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the

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PATENT

REEL: 010873 FRAME: 0909

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS.

Inventor(s) Name, Address, Citizenship 1. Toshihiko Sakurai residing at Minato-ku, Tokyo 105-0013, Japan and a citizen of Japan;
2. Yusuke Nakaya residing at 19-3, Nakakobun 3-chome, Ichikawa-shi, Chiba-ken 272-0835, Japan and a citizen of Japan;
3. Masato Kawai residing at 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003, Japan and a citizen of Japan;
4. Morimitsu Nakamura residing at 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003, Japan and a citizen of Japan;
5. Nobuhiro Okamura residing at 16-7, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003, Japan and a citizen of Japan;
6. Minato-ku, Tokyo 105-0003, Japan and a citizen of Japan;
7. Mishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003, Japan and a citizen of Japan;

Date Patent Declaration Signed and Title Serial No. and filing date (if known) (herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on <u>even dates</u> herewith for this invention, which application is entitled <u>GAS</u> PROCESSING AGENT AND MANUFACTURING METHOD THEREFOR, GAS PURIFICATION METHOD, GAS PURIFIER AND GAS PURIFICATION APPARATUS

and which has been given Serial Number ____ and the filing date of _____;

Name of Corporation

WHEREAS N. E. CHEMCAT CORPORATION (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Japan</u>, and having an office and place of business at <u>4-1</u>, <u>Hamamatsucho 2-chome</u>, <u>Minato-ku</u>, <u>Tokyo 105-0013</u>, <u>Japan</u> and

NIPPON SANSO CORPORATION (herein called "ASSIGNEE"), a Corporation organized under the laws of <u>Japan</u>, and having an office and place of business at <u>16-7</u>, Nishi-shinbashi 1-chome, Minato-ku, Tokyo 105-0003, Japan

State or Country of Incorporation and Address

Wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be

PATENT REEL: 010873 FRAME: 0910 THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date	· T	eslibite Dokumai	+104 23. 200C
	Signature	Toshihiko Sakurai	Date
Note: No legalization or other		Tuusbke Nakaya Yusuke Nakaya	May 22. 2000
vitness required	Signature	Yusuke Nakaya	Date
		Mosate Kawais	May 11, 2000
	Signature	Masato Kawai	Date
	1	Mozamitsu Wakanuru	May 11. 2000
	Signature	Morimitsu Nakamura	Date
		obuhiro O'kamura	May 15. 2000
	Signature	Nobuhiro Okamura	Date

RECORDED: 06/01/2000

PATENT REEL: 010873 FRAME: 0911