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Patent	and	Trade	emai	k Off	ice

OMB No. 0651-0011 (exp.4/94) WSGH FORM 23 (rev. 01/2000) 101813015 d the attached original documents or copy To the Honorable Commissioner or _ thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies) Name: NIPPON PETROCHEMICALS CO., LTD. Fuvuki Aida Takashi Suzuki Yasuo Matsumura Street Address: 1-3-1, Uchisaiwai-cho, Chiyoda-ku Additional name(s) of conveying party(ies) City: Tokyo Attached? [] Yes [X] No Country: JAPAN Additional name(s) & address(es) attached? [] Yes ON [X] 3. Nature of conveyance: [X] Assignment [] Merger Execution Date: June 5, 2001 (Fuyuki Aida) and June 11, 2001 (Takashi Suzuki and Yasuo Matsumura) 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: June 5, 2001 (Fuyuki Aida) and June 11, 2001 (Takashi Suzuki and Yasuo Matsumura). B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? [] Yes [X] No Total number of applications and patents 5. Name and address of party to whom correspondence concerning document should Involved [1] be mailed: Weingarten, Schurgin, Gagnebin & Hayes LLP Ten Post Office Square Boston, Massachusetts 02109 Total fee (37 CFR 3.41)....\$ 40.00 [X] Enclosed Authorized to be charged to deposit account [] Deposit account number: 0000005+ 09869776 230. ATSAUL 40.90 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Attorney name: Charles L. Gagnebin I Registration No. 25,467 Signature:

Mail documents to be recorded with required cover sheet information to: CLG/mc/253037-1 Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Total number of pages including cover sheet, attachments, and document: [5]

REEL: 012062 FRAME: 0626

PATENT

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Fuyuki Aida, having an address at 3-35-4, Okubo, Kounan-ku, Yokohama-shi, Kanagawa, Japan; and Takashi Suzuki, having an address at 1-4-34-201, Bunkyo, Kisarazu-shi, Chiba, Japan; and Yasuo Matsumura, having an address at 4663-1-205, Kamiiida, Izumi-ku, Yokohama-shi, Kanagawa, Japan, hereby sell and assign to NIPPON PETROCHEMICALS CO., LTD., a Japanese corporation having a principal place of business at 1-3-1, Uchisaiwai-cho, Chiyoda-ku, Tokyo, Japan, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention in

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and the application for United States Letters Patent therefor filed on _______, Application No. _______, and such patents as may issue thereon, and all divisions, reissues and continuations and continuations-in-part thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said NIPPON PETROCHEMICALS CO., LTD., execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said NIPPON PETROCHEMICALS CO., LTD., its successors and assigns, to obtain and enforce proper patent protection for said invention in the United States, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to NIPPON PETROCHEMICALS CO., LTD., its successors and assigns.

PATENT REEL: 012062 FRAME: 0627

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Flugher ada Date: June 5, 200/

Witness:

Ladro Macle Date: June 11, 2001

Sadao Maeda

Sadao Maeda

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Takashi Suzuki

Date: ____June 11, 2001

Ladaso Mueda ____ Date: ___June 11, 2001

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IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Late: June 11, 2001

Witness:

Date: June 11, 2001 Sadao Maeda

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PATENT REEL: 012062 FRAME: 0630