02-07-2003 **U.S. Department of Commerce** FORM PTO-1619A Patent and Trademark Office PATENT OMB 0651-0027 102359848 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type ✓ Assignment **Security Agreement** 1 New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Other Merger Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Reel # Frame # **Departmental File** Secret File Conveying Party(ies) Mark if additional names of conveying parties attached d Execution Date Month Day Ye Name (line 1) | Atsushi MORITA 01/21/2003 Name (line 2) Execution Date Month Day Y Year Second Party 01/21/2003 Junji OKAMURA Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) NIPPON SHOKUBAI CO., LTD is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative is attached. Address (line 1) 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi (Designation must be a separate document from Address (line 2) Assignment.) 541-0043 Address (line 3) Osaka Japan City State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) 01/31/2003 HMARZII 00000028 10354201 FOR OFFICE USE ONLY 40.00 DP 02 FC:8021

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Name (line 1)	Shinyuki MASAKI	01/21/2003				
Name (line 2)		Execution Date				
Name (line 1)	Noboru SUGISHIMA	Month Day Year 01/21/2003	٦			
Name (line 1)	NODUIU GUGISHIIMA	01/21/2003				
Name (line 2)		Execution Date Month Day Year				
Name (line 1)	Motonobu KOBAYASHI	01/21/2003	]			
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **ASSIGNMENT**

WHEREAS, We, (1) Atsushi MORITA, (2) Junji OKAMURA, (3) Shinyuki MASAKI, (4) Noboru SUGISHIMA, and (5) Motonobu KOBAYASHI, all citizens of JAPAN, residing respectively at (1) Kakogawa-shi, HYOGO JAPAN, (2) Himeji-shi, HYOGO JAPAN, (3) Himeji-shi, HYOGO JAPAN, (4) Himeji-shi, HYOGO JAPAN, and (5) Himeji-shi, HYOGO JAPAN (hereinafter ASSIGNORS), have made a certain invention entitled PROCESS FOR PURIFICATION OF EXHAUST GASES AND CATALYST USED FOR PURIFICATION OF EXHAUST GASES IN THIS PROCESS for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Nippon Shokubai Co., Ltd. , a corporation duly organized under the laws of \_ JAPAN , located and doing business at \_ 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 JAPAN (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS and, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States and all countries foreign thereto; and in, to and under the aforesaid United States application and any corresponding foreign applications and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in any country; and our right to file said foreign applications and claim priority under the provisions of the International Convention; and any Letters Patent of the United States or any foreign country issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the Patent Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee; and we further hereby authorize said ASSIGNEE to file and prosecute any of said foreign applications in its own name;

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AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in all countries, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

IN WITNESS WHEREOF, we have hereunder set our hand and seal.

January 21, 2003	Atsushi Morita
Date	Name: Atsushi MORITA
January 21, 2003 Date	Jamp' Ckamura Name: Junji OKAMURA
January 21, 2003	Shinyuki Masake
Date	Name: Shinyuki MASAKI
January 21, 2003	Johom Sugishie
Date	Name: Noboru SUGISHIMA
January 21, 2003 Date	M. Kobayashi Name: Motonobu KOBAYASHI