

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Norio Nakayama</td> <td>08/04/2011</td> </tr> <tr> <td>Toshihiko Takaki</td> <td>08/04/2011</td> </tr> <tr> <td>Haruhiko Fukumoto</td> <td>08/04/2011</td> </tr> <tr> <td>Kaori Matoishi</td> <td>08/04/2011</td> </tr> <tr> <td>Shiro Nakatsuka</td> <td>08/08/2011</td> </tr> <tr> <td>Naoshi Nagai</td> <td>08/05/2011</td> </tr> <tr> <td>Eiichi Takahashi</td> <td>08/04/2011</td> </tr> <tr> <td>Yukiko Enomoto</td> <td>08/04/2011</td> </tr> </tbody> </table>		Name	Execution Date	Norio Nakayama	08/04/2011	Toshihiko Takaki	08/04/2011	Haruhiko Fukumoto	08/04/2011	Kaori Matoishi	08/04/2011	Shiro Nakatsuka	08/08/2011	Naoshi Nagai	08/05/2011	Eiichi Takahashi	08/04/2011	Yukiko Enomoto	08/04/2011
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Yukiko Enomoto	08/04/2011																		
RECEIVING PARTY DATA																			
Name:	Mitsui Chemicals, Inc.																		
Street Address:	5-2, Higashi-Shimbashi 1-chome																		
City:	Minato-ku, Tokyo																		
State/Country:	JAPAN																		
Postal Code:	105-7117																		
PROPERTY NUMBERS Total: 1																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13255719</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13255719														
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Application Number:	13255719																		
CORRESPONDENCE DATA																			
Fax Number:	(216)566-9711																		
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CH \$40.00 13255719

501653301

PATENT
REEL: 026881 FRAME: 0800

ASSIGNMENT

WHEREAS,

Norio NAKAYAMA and Toshihiko TAKAKI, each of Chiba-shi, Chiba, Japan;
Haruhiko FUKUMOTO and Kaori MATOISHI, each of Ichihara-shi, Chiba, Japan;
Shiro NAKATSUKA of Kawasaki-shi, Kanagawa, Japan;
Naoshi NAGAI of Chiba-shi, Chiba, Japan;
Eiichi TAKAHASHI of Urayasu-shi, Chiba, Japan; and
Yukiko ENOMOTO of Narashino-shi, Chiba, Japan

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

NOVEL POROUS METAL OXIDE, METHOD FOR PRODUCING THE SAME, AND USE OF THE SAME

for which an application for a United States patent was executed currently herewith,

WHEREAS, MITSUI CHEMICALS, INC., whose address is, 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 Japan, hereinafter referred to as "assignee(s)", are desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date Aug. 4, 2011

Norio Nakayama
(signature) **Norio NAKAYAMA**

Date Aug. 4, 2011

Toshihiko Takaki
(signature) **Toshihiko TAKAKI**

Date Aug. 4, 2011

Haruhiko Fukumoto
(signature) **Haruhiko FUKUMOTO**

Date Aug. 4, 2011

Kaori Matoishi
(signature) **Kaori MATOISHI**

Date Aug. 8, 2011

Shiro Nakatsuka
(signature) **Shiro NAKATSUKA**

Date Aug. 5, 2011

Naoshi Nagai
(signature) **Naoshi NAGAI**

Date Aug. 4, 2011

Eiichi Takahashi
(signature) **Eiichi TAKAHASHI**

Date Aug. 4, 2011

Yukiko Enomoto
(signature) **Yukiko ENOMOTO**

PATENT

RECORDED: 09/09/2011

REEL: 026881 FRAME: 0801