

# PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Yoshitaka Hamada	05/12/2009
Fujio Yagihashi	05/12/2009
Takeshi Asano	05/12/2009
Hideo Nakagawa	04/27/2009
Masaru Sasago	05/07/2009

## RECEIVING PARTY DATA

Name:	Shin-Etsu Chemical Co., Ltd.
Street Address:	6-1, Otemachi 2-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN

Name:	Panasonic Corporation
Street Address:	1006, Oaza Kadoma
Internal Address:	Kadoma-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-8501

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12472681

## CORRESPONDENCE DATA

Fax Number: (919)854-1401

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CH \$40.00 12472681

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ATTORNEY DOCKET NUMBER:

5576-212

NAME OF SUBMITTER:

Betty-Lou Rosser

Total Attachments: 2

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## ASSIGNMENT

WHEREAS: Yoshitaka HAMADA, Fujio YAGIHASHI and Takeshi ASANO of c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Nishi-Fukushima, Kubiki-ku, Joetsu-shi, Niigata-ken, JAPAN (same for all of the inventors)

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

Organic silicon oxide fine particles and preparation method thereof, porous film-forming composition, porous film and formation method thereof, and semiconductor device for which application for United States Letters Patent identified as USSN 12/472,681 filed on May 27, 2009  
\_\_\_\_\_ has been executed on the \_\_\_\_\_ day of \_\_\_\_\_, 2009, and,

WHEREAS: SHIN-ETSU CHEMICAL CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN and PANASONIC CORPORATION, a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN (hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement of encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this 12th day of May, 2009  
\_\_\_\_\_.

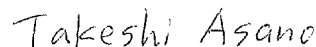
ASSIGNOR:



Yoshitaka HAMADA



Fujio YAGIHASHI



Takeshi ASANO

## ASSIGNMENT

WHEREAS: Hideo NAKAGAWA and Masaru SASAGO of c/o PANASONIC CORPORATION, 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN (same for both of the inventors)

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

Organic silicon oxide fine particles and preparation method thereof, porous film-forming composition, porous film and formation method thereof, and semiconductor device

for which application for United States Letters Patent identified as USSH 12/472,681 filed on May 27, 2009

\_\_\_\_\_ has been executed on the \_\_\_\_\_ day of \_\_\_\_\_, 2009, and,

WHEREAS: SHIN-ETSU CHEMICAL CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN and PANASONIC CORPORATION, a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN

(hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement of encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this April 27, 2009  
May 7th, 2009.

ASSIGNOR:

Hideo Nakagawa  
Hideo NAKAGAWA  
Masaru Sasago  
Masaru SASAGO