Name of Person Signing: Melissa B. Pendleton

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PATENT

Total number of pages including cover sheet, attachments, and document: \_\_\_3

REEL: 015158 FRAME: 0162

## **ASSIGNMENT**

NATIONAL C. E VACHIACIII and Varkitaka HAMADA of a/a Navy Experienci Meteriala Degenrali Center
WHEREAS: Fujio YAGIHASHI and Yoshitaka HAMADA of c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata-ken,
JAPAN (same for both of the inventors)
(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled: "COMPOSITION FO
FORMING POROUS FILM, POROUS FILM AND METHOD FOR FORMING THE SAME, INTERLEVEL INSULATOR FILM, AND SEMICONDUCTOR DEVICE"
for which application for United States Letters Patent identified as
has been executed on the <u>5th</u> day of <u>March</u> , 2004, 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 MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., 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 this5th_day_of March, 2004
Witnesses: ASSIGNOR:
Jun Gali Trujio Gagilianti
Fujio YAGIHASHI
Odni Park Cash Hours
Yoshitaka HAMADA

PATENT REEL: 015158 FRAME: 0163

## **ASSIGNMENT**

WHEREAS: Hideo NAKAGAWA of 131, Oda-cho, Oumihachiman-shi, Shiga 523-0064 JAPAN and Masaru SASAGO of 1-19-22, Doyama, Hirakata-shi, Osaka 573-0007 JAPAN

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

"COMPOSITION FOR FORMING POROUS FILM, POROUS FILM AND METHOD FOR FORMING THE SAME, INTERLEVEL INSULATOR FILM, AND SEMICONDUCTOR DEVICE"

for which application for United States Letters 1	Patent identified a	as	
has been executed on the 5t	h day of	March	, 2004, and
WHEREAS: SHIN-ETSU CHEMICAL CO., of JAPAN and having its principal place of bus MATSUSHITA ELECTRIC INDUSTRIAL Claws of JAPAN and having its principal place of JAPAN	siness at 6-1, Oter CO., LTD., a corp of business at 100	machi 2-chome coration duly or 26, Oaza Kador	e, Chiyoda-ku, Tokyo, JAPAN and rganized under and pursuant to the ma, Kadoma-shi, Osaka 571-8501
(hereinafter referred to as "ASSIGNEE"), has rights and to acquire all right, title and interest i Patent or similar legal protection to be obtained	in and to this inve		
NOW, THEREFORE, in consideration of the consideration, the receipt and sufficiency of ward transfers to said ASSIGNEE, its successor including any and all United States Letters Procontinuations, divisions, renewals, substitutes or Convention for the Protection of Industrial Proposition	which is hereby a rs and assigns, al atent which may r reissues thereof,	cknowledged, All right, title and be granted the	ASSIGNOR hereby sells, assigns d interest in and to said invention erefor and any and all extensions
ASSIGNOR hereby covenants that no assignmentered into which would conflict with this assignment.		nent of encumb	rance has been or will be made or
ASSIGNOR further covenants and agrees, up desires to carry this assignment in effect, and p above-mentioned United States applications.			
And the Commissioner of Patents of the Unabove-named application and on any continuation		-	
IN TESTIMONY WHEREOF, I/We have here	aunto set hand and	d seal this5t	h day of March, 2004
Witnesses: Masayuhi Endo	ASSIGNO H	OR: Leo Na	a kagawa  Hideo NAKAGAWA

**RECORDED: 03/26/2004** 

PATENT REEL: 015158 FRAME: 0164

Masaru SASAGO