

10-28-2004

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



102869648

10/21/04

17497 U.S. PTO
10/968971



To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Yuji HARADA (09/06/2004), Jun HATAKEYAMA
(09/06/2004), Yoshio KAWAI (09/09/2004),
Masaru SASAGO (09/09/2004),

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies)

Name: Shin-Etsu Chemical Co., Ltd.

Internal Address: _____

Street Address: _____

6-1 Otemachi 2-chome, Chiyoda-ku
Tokyo, JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached: ☒ Yes ☐ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

NEW

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Gerald M. Murphy, Jr.
BIRCH, STEWART, KOLASCH & BIRCH,
LLP

Internal Address: Atty. Dkt.: 0171-1159PUS1

Street Address: 8110 Gatehouse Rd
Suite 100 East
P.O. Box 747

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State: VA Zip: 22040-0747

Phone Number: (703) 205-8000

Fax Number: (703) 205-8050

Email Address: mailroom@bskb.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

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b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature
Gerald M. Murphy, Jr. - 28,977
Name of Person Signing

October 21, 2004

Date

Total number of pages including cover
sheet, attachments, and documents:

5

GMM/ni

10/22/2004 FFANAEIA 00000044 10968971

02 FC:8021

40.00 DP

RECORDATION FORM COVER SHEET
(continued)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Masayuki ENDO (09/09/2004), Shinji KISHIMURA (09/09/2004), Kazuhiko MAEDA (09/09/2004), Haruhiko KOMORIYA (09/09/2004), and Kazuhiro YAMANAKA (09/09/2004)

Additional Assignees (2. Continued):

Assignee Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Street Address: 1006, Oaza Kadoma
Kadoma-shi, Osaka
JAPAN

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: Central Glass Co., Ltd.

Internal Address:

Street Address: 5253, Oaza Okiube
Ube-shi, Yamaguchi-ken
JAPAN

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

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10/968971

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO.
0171-1159PUS1

ASSIGNMENT

Application No. NEW

Filed Oct. 21, 2004

Insert Name(s)
of Inventor(s)

WHEREAS, Yuji HARADA, Jun HATAKEYAMA, Yoshio KAWAI, Masaru SASAGO,
Masayuki ENDO, Shinji KISHIMURA, Kazuhiko MAEDA, Haruhiko KOMORIYA
and Kazuhiro YAMANAKA of
Nakakubiki-gun, Niigata-ken, Japan, Nakakubiki-gun, Niigata-ken, Japan,
Nakakubiki-gun, Niigata-ken, Japan, Hirakata-shi, Osaka, Japan,
Izumi-shi, Osaka, Japan, Itami-shi, Hyogo-ken, Japan,
Chiyoda-ku, Tokyo, Japan, Kawagoe-shi, Saitama-ken, Japan and
Kawagoe-shi, Saitama-ken, Japan

Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Polymers, Resist Compositions and Patterning Process

Insert Date
of Signing of
Application

for which an application for Letters Patent of the United States of America has been executed by the undersigned
(except in the case of a provisional application).

September 6, 2004, September 6, 2004, September 9, 2004,
September 9, 2004, September 9, 2004, September 9, 2004,
September 9, 2004, September 9, 2004 and September 9, 2004; and

Insert Name
of Assignee

WHEREAS, Shin-Etsu Chemical Co., Ltd.,

Matsushita Electric Industrial Co., Ltd. and

Central Glass Co., Ltd.

Insert Address
of Assignee

of 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan,
1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan and
5253, Oaza Okiube, Ube-shi, Yamaguchi-ken, Japan

CHECK BOX
IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of
acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that
may be granted therefor in the United States of America and

☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand
paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned
has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said
Assignee the full and exclusive right to the said invention in the United States of America, its territories,
dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)
which may be granted therefor in the United States of America, its territories, dependencies and possessions,
and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or
terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>6 Sep. 2004</u> ,	Name of Inventor <u>Yuji Harada.</u> (signature) Yuji HARADA
Date <u>6 Sep. 2004</u> ,	Name of Inventor <u>Jun Hatakeyama</u> (signature) Jun HATAKEYAMA
Date <u>9 Sep. 2004</u> ,	Name of Inventor <u>Yoshio Kawai</u> (signature) Yoshio KAWAI
Date <u>September 9, 2004</u> ,	Name of Inventor <u>Masaru Sasago</u> (signature) Masaru SASAGO
Date <u>September 9, 2004</u> ,	Name of Inventor <u>Masayuki Endo</u> (signature) Masayuki ENDO
Date <u>September 9, 2004</u> ,	Name of Inventor <u>Shinji Kishimura</u> (signature) Shinji KISHIMURA

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>September 9, 2004</u> ,	Name of Inventor <u>Kazuhiko Maeda</u> (signature) <u>Kazuhiko MAEDA</u>
Date <u>September 9, 2004</u> ,	Name of Inventor <u>Haruhiko Komoriya</u> (signature) <u>Haruhiko KOMORIYA</u>
Date <u>September 9, 2004</u> ,	Name of Inventor <u>Kazuhiro Yamanaka</u> (signature) <u>Kazuhiro YAMANAKA</u>
Date _____,	Name of Inventor _____ (signature)
Date _____,	Name of Inventor _____ (signature)
Date _____,	Name of Inventor _____ (signature)