



102669534

R SHEET

To the Director of the U.S. Patent and Trademark Office:  
Please record the attached original documents or copy thereof.

17354 U.S. PTO  
10/773340



2-9-04

1. Name of conveying party(ies):  
[FAMILY NAME (ALL CAPS), Given Name]  
**HARADA, Yuji**  
**HATAKEYAMA, Jun**  
**KAWAI, Yoshio**  
**SASAGO, Masaru**  
**ENDO, Masayuki**

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**  
City: **Tokyo** State: ZIP:  
Country: **JAPAN** Postal Code:  
Additional name(s) & address(es) attached?  YES  NO

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:

Execution Date: **January 29, 2004**

10773340

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: **January 29, 2004**

A. Patent Application No(s). **NEW**

B. Patent No.(s).

Additional numbers attached?  YES  NO

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**  
Street Address: **P.O. BOX 747**  
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**  
Country: **USA**

6. Total No. of applications/patents involved: **ONE (1)**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**  
 Enclosed  
 Authorized to be charged to deposit account, **if no fee attached.**

8. Deposit account number: **02-2448**

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

Gerald M. Murphy, Jr., #28,977  
Name of Person Signing/Reg. No.

Signature

February 9, 2004  
Date

Total number of pages including cover sheet, attachments, and document: **Five (5)**

Attachment to  
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

**KISHIMURA, Shinji**  
**MAEDA, Kazuhiko**  
**KOMORIYA, Haruhiko**  
**MIYAZAWA, Satoru**

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,

,

,

Continuation of Box 2--Name and address of receiving party(ies):

**MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.**  
**1006, Oaza Kadoma, Kadoma-shi, Osaka, JAPAN**  
**CENTRAL GLASS CO., LTD.**  
**5253, Oaza Okiube, Ube-shi, Yamaguchi-ken, JAPAN**

Continuation of Box 4--Application number(s) or patent number(s):

ASSIGNMENT

Application No. NEW

Filed Feb. 9, 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 Satoru MIYAZAWA of Nakakubiki-gun, Niigata-ken, Japan, Nakakubiki-gun, Niigata-ken, Japan, Nakakubiki-gun, Niigata-ken, Japan, Hirakata-shi, Osaka, Japan, Kishiwada-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 Sulfonates, 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).

on January 29, 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>January 29, 2004</u>	Name of Inventor	<u>Yuji Harada.</u> (signature)	<u>Yuji HARADA</u>
Date	<u>January 29, 2004</u>	Name of Inventor	<u>Jun Hatakeyama</u> (signature)	<u>Jun HATAKEYAMA</u>
Date	<u>January 29, 2004</u>	Name of Inventor	<u>Yoshio Kawai</u> (signature)	<u>Yoshio KAWAI</u>
Date	<u>January 29, 2004</u>	Name of Inventor	<u>Masaru Sasago</u> (signature)	<u>Masaru SASAGO</u>
Date	<u>January 29, 2004</u>	Name of Inventor	<u>Masayuki Endo</u> (signature)	<u>Masayuki ENDO</u>
Date	<u>January 29, 2004</u>	Name of Inventor	<u>Shinji Kishimura</u> (signature)	<u>Shinji KISHIMURA</u>

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>January 29, 2004</u> ,	Name of Inventor <u>Kazuhiko Maeda</u> (signature) _____ Kazuhiko MAEDA
Date <u>January 29, 2004</u> ,	Name of Inventor <u>Haruhiko Komoriya</u> (signature) _____ Haruhiko KOMORIYA
Date <u>January 29, 2004</u> ,	Name of Inventor <u>Satoru Miyazawa</u> (signature) _____ Satoru MIYAZAWA
Date _____,	Name of Inventor _____ (signature) _____
Date _____,	Name of Inventor _____ (signature) _____
Date _____,	Name of Inventor _____ (signature) _____

# ASSIGNMENT

Atty. Docket No. 9862-000023/US

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## APPARATUS FOR CONTROLLING A BOOSTED VOLTAGE AND METHOD OF CONTROLLING A BOOSTED VOLTAGE

for which Assignor is about to make or has made United States or International application for patent

- (a)  executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b)  executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_; or
- (c)  filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_;
- (d)  U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_; and

WHEREAS, SAMSUNG ELECTRONICS CO., LTD., a corporation of Korea having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. 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.

**ASSIGNMENT**



\_\_\_\_\_  
SOON-KYUN SHIN

1. 13. 2004

\_\_\_\_\_  
Dated