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FORM PTO-1595  
P21844.P08

03-03-2004

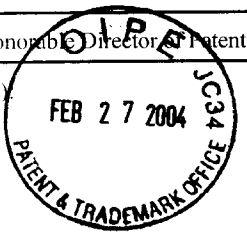
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Director of Patent:



all documents or copy thereof.

1. Name of Conveying party(ies)  
TOKUYASU, Noriaki  
KAMEDA, Katumi



102682907

Conveying party(ies)  
Name: Daihachi Chemical Industry Co., Ltd.

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

Internal Address: \_\_\_\_\_

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other Correction of Recordation at REEL 012554 and FRAME 0647

Street Address: Hiranomachi Yachiyo Bldg., 8-13, Hiranomachi 1-chome,

Chuo-ku, Osaka-shi, Osaka 541-0046, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP \_\_\_\_\_

Execution Date: February 25, 2002

Additional name(s) and address(es) attached?  Yes  No

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: \_\_\_\_\_

A. Patent Application No.(s)  
09/926,826

B. Patent No.(s)

Additional numbers attached:  Yes  No

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

Name: Bruce H. Bernstein

Internal Address: P 21844

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

Enclosed

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8. Deposit account number:

19-0089

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9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

03/03/2004 DEBYRNE  
01 FC:8021  
Name of Person Signing

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*[Handwritten Signature]*

Date

2/28/02

Total number of pages including cover sheet, attachments and document: 7

Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patent and Trademark office, Mail Stop Assignments  
PO Box 1450 Alexandria, Virginia 22313-1450

PATENT  
REEL: 015016 FRAME: 0675

A 10581-40

09/926826

FORM PTO-1595  
P21844.P03

12/27/01

RECORDATION FORM COVER SHEET  
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

27 DEC 2001

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies):  
TOKUYASU, Noriaki  
KAMEDA, Katumi

02-11-2002



101978518

Name and address of receiving party(ies)

Name: DAIHACHI CHEMICAL INDUSTRY CO., LTD.

Internal Address:

Street Address: Hiranomachi Yachiyo Bldg., 8-13, Hiranomachi

1-chome, chuo-ku, Osaka-shi, Osaka, JAPAN

City: State: ZIP:

Additional name(s) and address(es) attached? Yes X No

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: December 13, 2001

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: December 13, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09/926826

Additional numbers attached: Yes X No

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

Name: Bruce H. Bernstein

Internal Address: P21844

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$40.00

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing

*Bruce H. Bernstein* Signature

12/27/01 Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01/02/2002 MMGUYEN 00000012 09926826

02 FC:581

40.00 OP

PATENT  
REEL: 015016 FRAME: 0676

ASSIGNMENT

WHEREAS, **Noriaki TOKUYASU**, a citizen of Japan, whose post office address is 5-420, Koyanowaki, Kagiya-cho, Tokai-shi, Aichi 477-0032, Japan, and **Katumi KAMEDA**, a citizen of Japan, whose post office address is 10-1, Ishihama Ashima, Higashiura-cho, Chita-gun, Aichi 470-2103, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**Flame Retardants for Resins and Flame-Retarded Resin Compositions Containing the Same**

for which an application for Letters Patent in the United States was filed in the United States Patent and Trademark Office on December 27, 2001 and awarded Serial No.09/926,826, and which Application is a National Stage of International Application No. PCT/JP00/04004.

AND WHEREAS, **Daihachi Chemical Industry Co., Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is Hiranomachi Yachiyo Bldg., 8-13, Hiranomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0046, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date(s) indicated below.

Witnessed by:

\_\_\_\_\_  
Name Date

*Noriaki Tokuyasu* February 25, 2002  
Noriaki TOKUYASU Date

\_\_\_\_\_  
Name Date

Witnessed by:

\_\_\_\_\_  
Name Date

*Katumi Kameda* February 25, 2002  
Katumi KAMEDA Date

\_\_\_\_\_  
Name Date