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To the Assistant Commissioner of Patents. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Ryoji TSUKAMOTO, Takafumi KUDO, Masahiko  
KOSUGE, Tomokatsu URA, Hideshi KURIHARA,  
Shinichi KAWAI, Shinya WATANABE, Koji FURUYA,  
Makoto HANDA, Kenji SUZUKI  
Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

## 2. Name and address of receiving party(ies)?

TEIJIN LIMITED  
6-7, Minamihommachi 1-chome,  
Chuo-ku, Osaka-shi,  
OSAKA 541-0054 JAPAN

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Names  
☐ Other

Additional name(s) &amp; address(es) attached?

☐ yes☒ no

Execution Date: November 22, 2000

## 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: November 22, 2000

A. Patent Application No.(s)

B. Patent No.(s)

09/720991

Additional numbers attached?

☐ Yes☒ No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

## 6. Total number of applications and registration involved:

1

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

- ☒ Enclosed. Please charge any underpayment in  
connection with this Assignment to Deposit Account No. 19-4880.  
☐ Authorized to be charged to Deposit Account

## 8. Deposit Account No.

19-4880

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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  
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Waddell A. Biggart  
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Reg. No. 33,725

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January 3, 2001

Date

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# Assignment

Whereas, I/We, Ryoji TSUKAMOTO, Takafumi KUDO, Masahiko KOSUGE,  
Tomokatsu URA and Hideshi KURIHARA of  
Matsuyama-shi, EHIME, JAPAN, respectively,

hereinafter called assignor(s), have invented certain improvements in

FILM OF TRIMETHYLENE-2,6-NAPHTHALENE DICARBOXYLATE (CO)POLYMER, SULFONIC  
ACID QUATERNARY PHOSPHONIUM SALT COPOLYMER AND COMPOSITION THEREOF

and executed an application for Letters Patent of the United States of America therefor on  
November 22, 2000 and

Whereas, TEIJIN LIMITED, a Japanese Corporation, of  
6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi,  
OSAKA 541-0054 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its  
successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/we will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of  
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application  
number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application  
number of said application when known.

Date: November 22, 2000 Ryoji Tsukamoto

Date: November 22, 2000 Takafumi Kudo

Date: November 22, 2000 Masahiko Kosuge

Date: November 22, 2000 Tomokatsu Ura

Date: November 22, 2000 Hideshi Kurihara

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

# Assignment

Whereas, I/We, Shinichi KAWAI, Shinya WATANABE, Koji FURUYA,  
Makoto HANDA and Kenji SUZUKI of  
Sagamihara-shi, KANAGAWA, JAPAN, respectively,

hereinafter called assignor(s), have invented certain improvements in  
FILM OF TRIMETHYLENE-2,6-NAPHTHALENE DICARBOXYLATE (CO)POLYMER, SULFONIC  
ACID QUATERNARY PHOSPHONIUM SALT COPOLYMER AND COMPOSITION THEREOF  
and executed an application for Letters Patent of the United States of America therefor on  
November 22, 2000 ; and

Whereas, TEIJIN LIMITED, a Japanese Corporation, of  
6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi,  
OSAKA 541-0054 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to  
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its  
successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/we will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States application  
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of  
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application  
number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application  
number of said application when known.

Date: November 22, 2000 Shinichi Kawai

Date: November 22, 2000 Shinya Watanabe

Date: November 22, 2000 Koji Furuya

Date: November 22, 2000 Makoto Handa

Date: November 22, 2000 Kenji Suzuki

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)