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Set No.: ASAMU0004

To the Honorable Commissioner of Patents and Trade:

Mail documents or copy thereof.

1. Name of conveying party(ies):
Haruhiko KIKKAWA; Fumio KATAOKA;
Issei TAKEMOTO; Jun TANAKA;
Keiko ISODA; Shunichiro UCHIMURA;
Makoto KAJI; and Minoru SUGIURA.

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

2. Name and address of receiving party(ies)
Name: **HITACHI CHEMICAL COMPANY, LTD.**

Internal Address: _____
1-1, 2-chome, Nishishinjuku, Shinjuku-ku
Tokyo, Japan

Street Address: **same as above**

City: **Tokyo** State: **Japan** ZIP: _____

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:

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

Execution Date: **July 30, 1997**

10572 U.S. PTO
09/455929



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: 12/6/99

A. Patent Application No.(s)

B. Patent No.(s)

09/455929

Additional numbers attached? [] Yes [X] No

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

Name: **Joerg-Uwe Szipl**

Internal Address:

GRIFFIN, BUTLER, WHISENHUNT & KURTOSSY
2300 South Ninth Street, Suite PH-1

Street Address: **same as above**

City: **Arlington** State: **VA** ZIP: **22204**

6. Total number of applications and patents involved: [1]

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
07-2153

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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.

Joerg-Uwe Szipl, Reg. No. 31,799
Name of person signing

Signature

December 7, 1999
Date

Total number of pages including cover sheet, attachments, and document: [2]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

12/22/1999 KHARLING 00000011 09455929

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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Haruhiko KIKKAWA, Fumio KATAOKA, Issei TAKEMOTO, Jun TANAKA, Keiko ISODA, Shunichiro UCHIMURA, Makoto KAJI, and Minoru SUGIURA,

citizens of Japan by HITACHI CHEMICAL COMPANY, LTD.,
a corporation organized under the laws of Japan,

located at 1-1, 2-chome, Nishishinjuku, Shinjuku-ku, Tokyo, Japan,

receipt of which is hereby acknowledged, we, the said Haruhiko KIKKAWA, Fumio KATAOKA, Issei TAKEMOTO, Jun TANAKA, Keiko ISODA, Shunichiro UCHIMURA, Makoto KAJI, and Minoru SUGIURA,

do hereby sell and assign to said HITACHI CHEMICAL COMPANY, LTD.,

~~their~~ successors and assigns, all our right, title and interest, in and for the United States of America, its in and to "PHOTOSENSITIVE POLYIMIDE PRECURSOR AND ITS USE FOR PATTERN FORMATION"
* U.S. Serial No. (not yet assigned) filed on June 16, 1997
invented by us and described in the application for United States Letters Patent therefor, executed on July 30, 1997,
and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI CHEMICAL COMPANY, LTD.,

~~their~~ Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI CHEMICAL COMPANY, LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>H. Kikkawa</u> (Haruhiko KIKKAWA)	July 30, 1997	<u>Tetsuya Maruyama</u>
2) <u>Fumio Kataoka</u> (Fumio KATAOKA)	July 30, 1997	<u>Tetsuya Maruyama</u>
3) <u>Issei Takemoto</u> (Issei TAKEMOTO)	July 30, 1997	<u>Tetsuya Maruyama</u>
4) <u>Jun Tanaka</u> (Jun TANAKA)	July 30, 1997	<u>Tetsuya Maruyama</u>
5) <u>Keiko Isoda</u> (Keiko ISODA)	July 30, 1997	<u>Tetsuya Maruyama</u>
6) <u>S. Uchimura</u> (Shunichiro UCHIMURA)	July 30, 1997	<u>Tetsuya Maruyama</u>
7) <u>Makoto Kaji</u> (Makoto KAJI)	July 30, 1997	<u>Tetsuya Maruyama</u>
8) <u>Minoru Sugiura</u> (Minoru SUGIURA)	July 30, 1997	<u>Tetsuya Maruyama</u>

PATENT