

06-05-2002

FORM PTO-1595
P22276.P07

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



To the Honorable Commissioner of

original documents or copy thereof.

1. Name of Conveying party(ies):

SATOU, Kuniaki
KUTSUNA, Takahiko
YOSHINO, Toshizumi
HIRAYAMA, Takao
UZAWA, Mikio

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



102111631

2. Name and address of receiving party(ies)

Name: HITACHI CHEMICAL CO., LTD.

Internal Address: _____

Street Address: 1-1, Nishishinjuku 2-chome, Shinjuku-ku,

Tokyo 163-0449 Japan

City: _____ State: _____ ZIP: _____

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: May 28, 2002

5-31-02

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)
10/110,219

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: P22276

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-0089

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

DO NOT USE THIS SPACE

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.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

[Signature]
Signature

5/31/02
Date

Total number of pages including cover sheet, attachments and document: 4

06/04/2002 LMUELLER 00000017 10110219

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

PATENT
REEL: 012942 FRAME: 0105

ASSIGNMENT

WHEREAS, Kuniaki SATOU, a citizen of Japan, whose post office address is c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 5-1, Oaza-Sunayama, Hasaki-machi, Kashima-gun, Ibaraki 314-0255 Japan, Takahiko KUTSUNA, a citizen of Japan, whose post office address is c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 5-1, Oaza-Sunayama, Hasaki-machi, Kashima-gun, Ibaraki 314-0255 Japan, Toshizumi YOSHINO, a citizen of Japan, whose post office address is c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 5-1, Oaza-Sunayama, Hasaki-machi, Kashima-gun, Ibaraki 314-0255 Japan, Takao HIRAYAMA, a citizen of Japan, whose post office address is c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 5-1, Oaza-Sunayama, Hasaki-machi, Kashima-gun, Ibaraki 314-0255 Japan, Mikio UZAWA, a citizen of Japan, whose post office address is c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 5-1, Oaza-Sunayama, Hasaki-machi, Kashima-gun, Ibaraki 314-0255 Japan, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

PHOTOSENSITIVE RESIN COMPOSITION, PHOTSENSITIVE ELEMENT USING THIS, METHOD OF MANUFACTURING RESIST PATTERN, RESIST PATTERN, AND RESIST PATTERN LAMINATED SUBSTRATE

for which he has executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Roland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 10/110,219, filed on 23/Oct/00) the filing date and application number of said application when known.

AND WHEREAS, HITACHI CHEMICAL CO., LTD., a corporation organized and existing under the laws of the State of Japan, whose post-office address is 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 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 ASSIGNOR hereby assigns, sells and transfers 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 ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees 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 ASSIGNOR authorizes and requests 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 ASSIGNOR, on the respective date(s) indicated below.

Witnessed by:


May 28, 2002

Date


Kuniaki SATOU

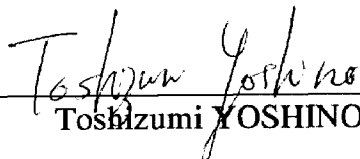
May 28, 2002

Date


Takahiko KUTSUNA

May 28, 2002

Date


Toshizumi YOSHINO

May 28, 2002

Date


Takao HIRAYAMA

May 28, 2002

Date


Mikio UZAWA