

Docket No.: 50169-171

06-16-1999



101068841

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of

attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Takashi KATO, Tomoyuki KONDO, Henry BERNHARDT,
Shuichi MATSUI, Hiroyuki TAKEUCHI, Yasuhiro KUBO,
Fusayuki TAKESHITA, and Etsuo NAKAGAWA

Name: CHISSO CORPORATION

Address: 6-32, Nakanoshima 3-chome, Kita-ku

Osaka, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

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

Execution Date: Apr. 20, Apr. 20, Apr. 11, Apr. 20, Apr. 20,
Apr. 21, Apr. 21, and Apr. 21, 1999
(respectively)

Additional name(s) & address(es) attached? ☐ Yes

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: Apr. 20, Apr. 20, Apr. 11,
Apr. 20, Apr. 20, Apr. 21,
Apr. 21, and Apr. 21, 1999
(respectively)

A. Patent Application No(s).

B. Patent No(s).

09/323820

Additional numbers attached? ☐ Yes

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

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

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:
500417

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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.

David J. Serbin, 30,589

June 2, 1999

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

06/15/1999 DNGUYEN 00000217 500417 09323820

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PATENT
REEL: 010020 FRAME: 0825

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Takashi KATO
 (2) Tomoyuki KONDO
 (3) Henry BERNHARDT
 (4) Shuichi MATSUI

(5) Hiroyuki TAKEUCHI
 (6) Yasuhiro KUBO
 (7) Fusayuki TAKESHITA
 (8) Esuo NAKAGAWA

who have made a certain new and useful invention, hereby sell, assign and transfer unto

CHISSO CORPORATION

6-32, Nakanoshima 3-chome

Kita-ku

Osaka, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Alkenyl Compound Having a Negative $\Delta\epsilon$ Value, Liquid Crystal
Composition, and Liquid Crystal Display Device

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Takashi Kato
 Name: Takashi KATO
 2) Tomoyuki Kondo
 Name: Tomoyuki KONDO
 3) Henry Bernhardt
 Name: Henry BERNHARDT
 4) Shuichi Matsui
 Name: Shuichi MATSUI
 5) Hiroyuki Takeuchi
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 7) Fusayuki Takeshita
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 8) Esuo Nakagawa
 Name: Esuo NAKAGAWA

April 20, 1999
April 20, 1999
April 11th 1999
April 20, 1999
April 20, 1999
April 21, 1999
April 21, 1999