



103119856

Attorney Docket No. 19629-0010

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

1. Name of conveying party(ies) / Execution Date(s):

Yasuyuki SASADA

Execution Dates: October 24, 2005

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

2. Name and address of receiving party:

Name: **CHISSO Corporation**6-32, Nakanoshima 3-chome, Kita-ku,
Osaka-shi, Osaka 530-0005 JAPAN

and

CHISSO Petrochemical Corporation13-1, Kachidoki 3-chome, Chuo-ku, Tokyo 104-8555,
JAPAN

Street address: same as above

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other: _____

4. Application number or patent number:

☒ This document is being filed together with a new application.

A. Serial No.

B. Patent No.

Additional numbers attached? ☐ Yes ☐ No

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

Name: **Celine Crowson, Esquire**Internal Address: **Hogan & Hartson LLP**Street Address: **Columbia Square**
555 Thirteenth Street, N.W.City: **Washington**State: **D.C.** Zip: **20004-1109**Phone Number: **202-637-5600**Fax Number: **202-637-5910**Email address: **cicrowson@hhlaw.com**Customer Number: **24633**

6. Total number of applications and patents involved: 1

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

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ Not required (government interest not affecting title)

8. Payment Information:

- a. Credit Card Last four numbers _____
Expiration Date _____
b. Deposit Account No. **50-1349**
Authorized User Name _____

DO NOT USE THIS SPACE

9. Signature:

Signature

November 9, 2005

Date

Celine Jimenez Crowson - Registration No. 40,357

William T. Slaven, IV - Registration No. 52,228

Name of Person Signing

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

ASSIGNMENT

(1-8) *Name(s) of Inventor(s)*

(1) **Yasuyuki SASADA** (5)
 (2) (6)
 (3) (7)
 (4) (8)

In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) *Name of Assignee*

(9) **CHISSO CORPORATION**
CHISSO PETROCHEMICAL CORPORATION

(10) *State of Incorporation of Assignee*

(10) Japan

(11) *Address of Assignee*

(10) of
 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 Japan
 13-1, Kachidoki 3-chome, Chuo-ku, Tokyo 104-8555, Japan
 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) *Identification of Invention, such as Title, Case Number or Foreign Application Number*

(12) **COMPOUND HAVING ALKYL ON BENZENE RING,**
LIQUID CRYSTAL COMPOSITION HAVING THE COMPOUND,
AND LIQUID CRYSTAL DISPLAY DEVICE HAVING THE LIQUID CRYSTAL COMPOSITION
 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) *Date(s) of Signing of Declaration*

(13) on

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021



26021

PATENT TRADEMARK OFFICE

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 24, 2005 Signature of Inventor 1 Yasuyuki Sasada
Date: _____ Signature of Inventor 2 _____
Date: _____ Signature of Inventor 3 _____
Date: _____ Signature of Inventor 4 _____
Date: _____ Signature of Inventor 5 _____
Date: _____ Signature of Inventor 6 _____