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(1) Koichi SHIBATA, (2) Shuichi MATSUI, (3) Hiroyuki TAKEUCHI, (4) Katsuyuki KAWANO, (5) Yasuhiro KUBO, and (6) Etsuo NAKAGAWA

Additional name(s) of conveying party(ies) attached? no

3. Nature of conveyance:

Assignment Merger
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Execution Date: (1)-(6) April 11, 2001

2. Name and address of receiving party(ies):

Name: (1) CHISSO CORPORATION and (2) CHISSO PETROCHEMICAL CORPORATION

(1) Street Address: 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi
City: Osaka Country: Japan

(2) Street Address: 7-3, Marunouchi 2-chome, Chiyoda-ku
City: Tokyo Country: Japan

Additional name(s) & address(es) attached? no

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: April 11, 2001

A. Patent Application No.(s) 09/842254
NEW, filed April 26, 2001

B. Patent No.(s)

Additional numbers attached? no

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

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Michael R. Davis, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

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

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Michael R. Davis, Reg. No. 25,134
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Michael R. Davis
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April 26, 2001
Date

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JCE21 U.S. PTO
09/842254
04/26/01

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Koichi SHIBATA, Shuichi MATSUI, Hiroyuki TAKEUCHI, Katsuyuki KAWANO,
Yasuhiro KUBO and Etsuo NAKAGAWA

Insert Name(s)
of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s)

CHISSO CORPORATION and CHISSO PETROCHEMICAL CORPORATION
6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka, Japan and
of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

Address

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of
Invention

CYCLOHEXANE DERIVATIVES, LIQUID CRYSTAL COMPOSITIONS
COMPRISING THE SAME AND LIQUID CRYSTAL DISPLAY DEVICES

Date of Signing
of Application

for which an application for patent in the United States has been executed by the undersigned on
April 11, 2001

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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

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.

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.

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 or reissue 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, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>April 11, 2001</u>	Name of Inventor	<u>Koichi Shibata</u>	Koichi SHIBATA
Date	<u>April 11, 2001</u>	Name of Inventor	<u>Shuichi Matsui</u>	Shuichi MATSUI
Date	<u>April 11, 2001</u>	Name of Inventor	<u>Hiroyuki Takeuchi</u>	Hiroyuki TAKEUCHI
Date	<u>April 11, 2001</u>	Name of Inventor	<u>Katsuyuki Kawano</u>	Katsuyuki KAWANO
Date	<u>April 11, 2001</u>	Name of Inventor	<u>Yasuhiro Kubo</u>	Yasuhiro KUBO
Date	<u>April 11, 2001</u>	Name of Inventor	<u>Etsuo Nakagawa</u>	Etsuo NAKAGAWA

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Mikio Mizuno

Witness Hyoko Takayama

ACKNOWLEDGEMENT

_____ } ss
 _____ }

This _____ day of _____, 19_____, before me
 personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

_____ Official Signature
 _____ Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____
 Applicant Reference Number _____ Atty Docket No. _____
 Title of Invention _____