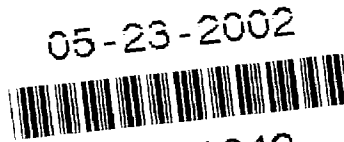


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Takashi KATO  
Norihiro MIZOSHITA  
Kenji HANABUSA

5-29-02

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

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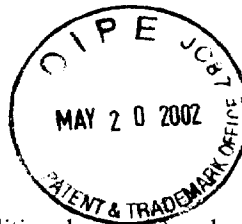
- Assignment  Merger
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Execution Date: February 18, 2002

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

Name: JSR Corporation

Address: 11-24, Tsukiji 2-chome, Chuo-ku,  
Tokyo, 104-8410, JAPAN



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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)

10/077/885

B. Patent No.(s)

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



22850

6. Total applications and patents involved: 1

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

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PATENT  
REEL: 012909 FRAME: 0981

# Assignment Of Application

WHEREAS, I (WE) Takashi KATO, Norihiro MIZOSHITA,  
and Kenji HANABUSA  
of Kawasaki-shi, Kanagawa-ken, 216-0005 JAPAN,  
Kita-ku, Tokyo 114-0004, JAPAN, and  
Ueda-shi, Nagano-ken 386-0005, JAPAN

INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:

\_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: LIQUID CRYSTAL COMPOSITION, LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAYING METHOD

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on February 14, 2002

(Application No. 10/077,885, filed February 20, 2002), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

WHEREAS, JSR Corporation  
(hereinafter referred to as "ASSIGNEE") having a place of business at: 11-24, Tsukiji 2-chome, Chuo-ku, Tokyo, 104-8410 JAPAN

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, 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: February 18, 2002

*Takashi Kato*  
\_\_\_\_\_  
(Signature of Inventor) Takashi KATO

Date: February 18, 2002

*Norihiro Mizoshita*  
\_\_\_\_\_  
(Signature of Inventor) Norihiro MIZOSHITA

Date: 18 February, 2002

*Kenji Hanabusa*  
\_\_\_\_\_  
(Signature of Inventor) Kenji HANABUSA

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
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1755 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VIRGINIA 22202