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## 1. Name of conveying party(ies):

Masatoshi YUMOTO  
Mitsuyoshi ICHIHASHI  
Keiichiro HAYASHI  
Ryuichi KUROIWA

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

FUJI PHOTO FILM CO., LTD.  
No. 210 Nakanuma,  
Minami-Ashigara-shi,  
Kanagawa,  
JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒
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Execution Date: April 3, 2003, April 4, 2003, April 5, 2003, and April 15, 2003, Respectively

Additional name(s) & address(es) attached? ☐ Yes ☒ 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 3, 2003, April 14, 2003, April 5, 2003, and April 15, 2003, Respectively

A. Patent Application No.(s)  
10/418,316B. Patent No.(s)  
Not Yet AssignedAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

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23373

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1

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

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*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.*  
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PATENT  
REEL: 014355 FRAME: 0690

# Assignment

Whereas, I/We,

Masatoshi Yumoto, Mitsuyoshi Ichihashi, Keiichiro Hayashi of  
and Ryuichi Kuroiwa

Shizuoka-ken, Japan and Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in

OPTICALLY ACTIVE ISOSORBIDE DERIVATIVE AND OPTICALLY ACTIVE ISOMANNIDE DERIVATIVE,  
PRODUCTION METHODS THEREOF, PHOTO-REACTIVE CHIRAL AGENT, LIQUID CRYSTAL COMPOSITION,  
LIQUID CRYSTAL COLOR FILTER, OPTICAL FILM AND RECORDING MEDIUM, METHOD FOR CHANGING HELICAL  
STRUCTURE OF LIQUID CRYSTAL AND METHOD FOR FIXING HELICAL STRUCTURE OF LIQUID CRYSTAL

and executed an application for Letters Patent of the United States of America therefor on

April 3, 2003, April 14, 2003, ; and

April 5, 2003 and April 15, 2003

Whereas, FUJI PHOTO FILM CO., LTD. of

No. 210 Nakanuma, Minami-Ashigara-shi,

Kanagawa, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention,  
and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee,  
its successors and assigns, the entire right, title and interest in the application and the invention disclosed  
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and  
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth  
in the application to the assignee, its successors and assigns; and I/we will execute without further  
consideration all papers deemed necessary by the assignee in connection with the United States  
application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK &  
SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses  
(Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said  
application when known.

Date: Apr. 3, 2003 Masatoshi Yumoto

s/  
Date: \* Apr. 14, 2003 Mitsuyoshi Ichihashi

s/  
Date: Apr. 5, 2003 Keiichiro Hayashi

s/  
Date: Apr. 15, 2003 Ryuichi Kuroiwa

s/  
Date: \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92