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U.S. Department of Commerce
United States Patent and Trademark Office

Our Ref.: 160-507

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1 Masayuki YAMAMOTO 5 Satoshi OHKUMA
2 Akira HIRANO 6 Koichi MINATO
3 Hideyo TANAKA 7 Takeshi ITOI
4 Yusuke IIDA 8 Hidesato HAGIWARA

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

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

Execution Date: June 26, 2006

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

(1) Name: TOYO INK MFG. CO., LTD..
Street Address: 3-13, Kyobashi 2-chome, Chuo-ku
City: Tokyo
State/Country: Japan Zip:

(2) Name: TOPPAN PRINTING CO., LTD.
Street Address: 5-1, Taito 1-chome, Taito-ku
City: Tokyo
State/Country: Japan Zip: 110-0016

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

4. Application number(s) or patent number(s): ☐ This assignment is being filed together with a new application.

A. Patent Application No(s).

(1) 11/476,939
(2)
(3)

B. Patent No(s).

(1)
(2)
(3)

Additional numbers attached ☐ Yes ☒ No

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

Name: Arthur R. Crawford

Internal Address:

Street Address: Nixon & Vanderhye P.C.

901 North Glebe Road

11th Floor

City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ CREDIT CARD

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements 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.

Arthur R. Crawford

Name of Person Signing
Reg. No. 25,327

Signature

September 6, 2006

Date

Total number of pages including original cover sheet, attachments, and document: [7]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

03/07/2006 SDENB081 00000093 11476939

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(40.00 OP)

ASSIGNMENT

DJ-463US
(06S0580-1)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RED COLORED FILM, RED COLORED COMPOSITION, COLOR FILTER AND LIQUID CRYSTAL DISPLAY DEVICE

sell and assign to

1. TOYO INK MFG. CO., LTD., a Japanese corporation, having a business address at 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo, Japan
2. TOPPAN PRINTING CO., LTD., a Japanese corporation, having a business address at 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) ☒ executed concurrently herewith
☐ executed on _____ ;
☒ Application No. 11/476,939 , filed _____ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Nixon & Vanderhye P.C., 11th Floor 901 North Glebe Road, Arlington, Virginia 22203-1808

DJ-463US
(06S0580-1)

Citizenship: Japan

Date: _____

Citizenship: Japan

Date:

Citizenship: Japan

Date:

Citizenship: Japan

Date: _____

Citizenship: Japan

Date: _____

[6th Inventor]

Residence Address: Tokyo, Japan

Mailing Address: c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016

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Koichi Minato

Date:

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Date:

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Hidesato Hagiwara

Date:

[9th Inventor]

Residence Address:

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Country of Citizenship:

Date:

[10th Inventor]

Residence Address:

Mailing Address:

Citizenship:

Date:

ASSIGNMENT

DJ-463US
(06S0580-1)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

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its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) ☒ executed concurrently herewith
☐ executed on _____ ;
☒ Application No. 11/476,939 , filed _____ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

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ASSIGNMENT

DJ-463US
(06S0580-1)

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Date:

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Yusuke Iida

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Satoshi Ohkuma

Satoshi Ohkuma

JUN. 26. 2006

Date:

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Hidesato Hagiwara

JUN. 26. 2006

Hidesato Hagiwara

Date:

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Mailing Address:

Country of Citizenship:

Date:

[10th Inventor]

Residence Address:

Mailing Address:

Citizenship:

Date: