

06-07-2006

RECORDATION
PAT

To the Director of the U.S. Patent and Trademark Office:

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

AKIHITO HISAMITSU
NOBUYUKI KOBAYASHI
TOMOO IZUMI

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Execution Date(s): May 24, 2006

2. Name and Address of Receiving Party(ies):

Name: KONICA MINOLTA HOLDINGS,
INC.Address: 1-6-1, MARUNOUCHI,
CHIYODA-KU,

City: TOKYO 100-0005

Country: JAPAN

Additional name(s) and addresses attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

4. Application or patent number(s).

A. Patent Application No.(s)

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312) 321-4200
(312) 321-4299 Fax

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card.
- ☐ Authorized to be charged to Deposit Account No. 23-1925.
- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
Expiration Date
- b. ☒ Charge fee and/or any Deficiencies to Deposit Account Number: 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:

Signature

Andrew D. Stover, Reg. No. 38,629
Name of Person Signing

June 1, 2006

Date

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

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

ASSIGNMENT

WHEREAS, Akihito HISAMITSU, Nobuyuki KOBAYASHI and Tomoo IZUMI, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "LIQUID CRYSTAL COMPOSITION CONTAINING AT LEAST TWO KINDS OF GELLING AGENTS AND LIQUID CRYSTAL DISPLAY DEVICE USING THE SAME", for a full description of which reference is here made to an application for Letters Patent of the United States filed on _____ and assigned Application Serial No. _____;

WHEREAS, Konica Minolta Holdings, Inc., a corporation organized and existing under the laws of Japan, having a place of business at 1-6-1, Marunouchi, Chiyoda-ku, Tokyo 100-0005 Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in

vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: May 24, 2006 Akihito Hisamitsu
Akihito HISAMITSU

WITNESSED:

DATE: _____

DATE: _____

DATE: May 24, 2006 Nobuyuki Kobayashi
Nobuyuki KOBAYASHI

WITNESSED:

DATE: _____

DATE: _____

DATE: May 24, 2006 Tomoo Izumi
Tomoo IZUMI

WITNESSED:

DATE: _____

DATE: _____

REV. Dec.-99