

A/D 501.40

05-07-2007

IAP13 Rec'd PCT/PTO 25 APR 2007

11/666223

Q84511

Modified Form PTO-1595 (R)



103402234

U.S. DEPARTMENT OF
COMMERCE

U.S. Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents the new address(es) below.

1. Name of conveying party(ies):

Hirotooshi KAMATA
Mina ONISHI
Katsumi MUROFUSHIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): February 23, 2007, February 20, 2007 and
February 20, 2007

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

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

SHOWA DENKO K.K.
13-9, Shiba Daimon 1-chome
Minato-ku, Tokyo 105-8518
JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) 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:

SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

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. 19-4880.
- ☒ Enclosed.
- ☐ None required (government interest not affecting title)

8. Deposit Account Number:

(Attach duplicate copy of this page if paying by deposit account)

9. Signature:

Bruce E. Kramer

Reg. No. 33,725

April 25, 2007

Date

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

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

11/666223

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we,

Hirotooshi KAMATA
c/o SHOWA DENKO K.K., 5-1, Ogimachi, Kawasaki-ku,
Kawasaki-shi, KANAGAWA 210-0867 JAPAN

Mina ONISHI
c/o SHOWA DENKO K.K., 5-1, Ogimachi, Kawasaki-ku,
Kawasaki-shi, KANAGAWA 210-0867 JAPAN, and

Katsumi MUROFUSHI
c/o SHOWA DENKO K.K., 5-1, Ogimachi, Kawasaki-ku,
Kawasaki-shi, KANAGAWA 210-0867 JAPAN

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

Thiol Compound and Photosensitive Composition Using the Same
and executed an application for Letters Patent of the United States of America therefor on

; and

Whereas,

SHOWA DENKO K.K. of
13-9, Shiba Daimon 1-chome, Minato-ku, TOKYO 105-8518 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 Director – U.S. Patent and Trademark Office 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 my/our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application
number _____ and Confirmation number _____, filed _____) the
filing date and application number of said application when known.

Date: Feb. 23, 2007 s/ Hirotsuki Kamata
Hirotsuki KAMATA

Date: Feb. 20, 2007 s/ Mina Onishi
Mina ONISHI

Date: Feb. 20, 2007 s/ Katsumi Murofushi
Katsumi MUROFUSHI

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