

05-30-2003

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Form PTO-1595 (modified)

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1. Name of conveying party(ies):

Junji KURACHI
Akihiro KOYAMA
Nobuyuki YAMAMOTO

S-22-03

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

NIPPON SHEET GLASS CO., LTD.
7-28, Kitahama 4-chome
Chuo-ku, Osaka-shi,
Osaka, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: May 19, 2003

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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: May 19, 2003

A. Patent Application No.(s)
Not yet assigned

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

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PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed.
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PATENT
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ASSIGNMENT

Whereas, ~~I/we~~ Junji KURACHI, Akihiro KOYAMA and Nobuyuki YAMAMOTO,
all of Osaka, Japan

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

GLASS COMPOSITION, GLASS ARTICLE, GLASS SUBSTRATE FOR MAGNETIC
RECORDING MEDIA, AND METHOD FOR PRODUCING THE SAME

and executed an application for Letters Patent of the United States of America therefor on
May 19, 2003

; and

Whereas, NIPPON SHEET GLASS CO., LTD. of
7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 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 _____, filed _____) the filing date and application
number of said application when known.

Date: May 19, 2003

s/ Junji Kurachi

Date: May 19, 2003

s/ Akihiro Koyama

Date: May 19, 2003

s/ Nobuyuki Yamamoto

Date:

s/ _____

Date:

s/ _____

Date:

s/ _____

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