

09-28-1999



Form PTO-1595
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101156364
RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Terufusa KUNISADA, Etsuo OGINO, Chihiro SAKAI,
Koji NAKANISHI and Yasunori TANINAKA

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
Name:
NIPPON SHEET GLASS CO., LTD.
Internal Address:
5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka, Japan
Street Address:
Same as above

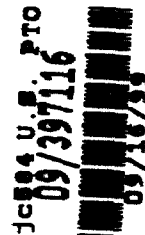
3. Nature of Conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other

City State Zip

Additional name(s) & address(es) attached?
 yes no

Execution Date: September 6, 1999



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:
September 6, 1999

A. Patent Application No.(s)

B. Patent No(s).

091397116

Additional numbers attached? Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

Authorized to be charged to Deposit Account

8. Deposit Account No.

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9. Statement 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.

Mark Boland

September 16, 1999

Name Mark Boland Reg. No. 32,197

Date

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09/27/1999 DNGUYEN 00000316 09397116

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PATENT
REEL: 010261 FRAME: 0143

Assignment

Whereas, I/We, Terufusa KUNISADA, Etsuo OGINO, Chihiro SAKAI, ~~xxx~~
Koji NAKANISHI and Yasunori TANINAKA, all of Osaka, Japan

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

OPTICAL ARTICLES AND CATHODE-RAY TUBE USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on
September 6, 19 99; and

Whereas, NIPPON SHEET GLASS CO., LTD. of
5-11, Dosho-machi 3-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 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: s/ Terufusa Kunisada
September 6, 1999

Date: s/ Etsuo Ogino
September 6, 1999

Date: s/ Chihiro Sakai
September 6, 1999

Date: s/ Koji Nakanishi
September 6, 1999

Date: s/ Yasunori Taninaka
September 6, 1999

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