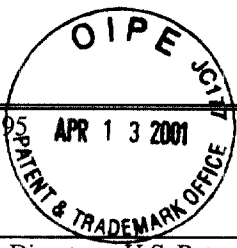


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1. Name of conveying party(ies):
Seiji UMEMOTO, Toshihiko ARIYOSHI

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

2. Name and address of receiving party(ies)?
NITTO DENKO CORPORATION
1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, Japan

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other _____
Execution Date: January 9, 2001

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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: January 9, 2001
A. Patent Application No.(s)/Confirmation No.(s)
09/709,516 /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, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
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PATENT
REEL: 11691 FRAME: 0967

Assignment

Whereas, I/We, Seiji Umemoto and Toshihiko Ariyoshi, of Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in LIGHT PIPE, SURFACE LIGHT SOURCE UNIT AND REFLECTION TYPE LIQUID-CRYSTAL DISPLAY DEVICE

and executed an application for Letters Patent of the United States of America therefor on January 9, 2001 ~~19~~ ; and

Whereas, NITTO DENKO CORPORATION of 1-2, Shimohozumi 1-chome, Ibaraki-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 09/709,516, filed November 13, 2000) the filing date and application number of said application when known.

Date: January 9, 2001 s/ Seiji Umemoto

Date: January 9, 2001 s/ Toshihiko Ariyoshi

Date: s/ _____

Date: s/ _____

Date: s/ _____

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