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SP-10-11

1. Name of conveying party(ies):
Ichiro SUEHIRO
Noriaki HARADA
Yuji HOTTA

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

112987 U.S. PTO
11/263616
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Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
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 Other

Execution Date: October 19, 2005

Additional name(s) & address(es) attached? Yes No

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: October 19, 2005
A. Patent Application No.(s)
Unknown
B. Patent No.(s)
Unknown
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 3.41): \$40.00
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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 Reg. No. 32,197 November 1, 2005 Date

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PATENT
REEL: 017172 FRAME: 0700

ASSIGNMENT

Whereas, I/we **Ichiro SUEHIRO, Noriaki HARADA, and Yuji HOTTA,**
all of Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in
LIGHT PIPE FOR DIRECT-TYPE BACKLIGHT AND DIRECT-TYPE BACKLIGHT
and executed an application for Letters Patent of the United States of America therefor on
October 19, 2005; and

Whereas, **NITTO DENKO CORPORATION, 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 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: October 19, 2005 s/ Ichiro Suehiro

Date: October 19, 2005 s/ Noriaki Harada

Date: October 19, 2005 s/ Yuji Hotta

Date: s/ _____

Date: s/ _____

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