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uments or copy thereof.

| 1. | Name of conveying party(ies): (If multiple assignors, list numerically)  3 - 25 - 0 2  1. Takuya Matsunaga 4. Masayuki Satake 2. Hiroshi Shibata 5. Takashi Shouda 3. Takayuki Shigematsu  Additional name(s) of conveying party(ies) attached? No   | <ol> <li>Name and address of receiving party(ies):</li> <li>Name: Nitto Denko Corporation</li> <li>Address: 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan</li> <li>Additional name(s) of receiving party(ies) attached? No</li> </ol>            |
|----|--|--|
| 3. | Nature of conveyance:  (X) Assignment () Merger () Security Agreement () Change of Name () Other:  | <ul> <li>4. Application number(s) or Patent number(s):</li> <li>( ) Application(s) filed herewith Execution Date(s):</li> <li>(X) Patent Application No.: 10/029,721 Filing Date: December 20, 2001</li> <li>( ) Patent No.:</li> </ul>                  |
|    | Execution Date: (If multiple assignors, list execution as in numerical order corresponding to numbers indicated in sove) All executed on 01/28/02  | Issue Date:  Additional numbers attached? () Yes (X) No  |
| 5. | Name and address of party to whom correspondence concerning document should be mailed:  Name: Daniel E. Altman KNOBBE, MARTENS, OLSON & BEAR, LLP Customer No. 20,995 Internal Address: Sixteenth Floor Street Address: 620 Newport Center Drive City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: | 7. Total fee (37 CFR 1.21(h)): \$  (X) Enclosed () Authorized to be charged to deposit account  8. Deposit account number: 11-1410  Please charge this account for any additional fees which may be required, or credit any overpayment to this account. |
| 6. | Total number of applications and patents involved:   |  |
| 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.

Katsuhiro Arai

Name of Person Signing

March 19, 2002

Date

43,315 Registration No.

Total number of pages including cover sheet, attachments and document:

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U.S. Patent and Trademark Office Attn: Assignment Division Crystal Gateway-4 1213 Jefferson Davis Highway, Suite 320 Arlington, VA 22202

> **PATENT** REEL: 012697 FRAME: 0642

Application No.: 10/029,721

Filing Date: December 20, 2001

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## **ASSIGNMENT**

WHEREAS, We, Takuya MATSUNAGA, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, Hiroshi SHIBATA, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, Takayuki SHIGEMATSU, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, Masayuki SATAKE, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan and Takashi SHOUDA, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, have invented certain new and useful improvements in a OPTICAL DIFFUSING LAYER,

OPTICAL DIFFUSING SHEET, AND OPTICAL ELEMENT

for which I have executed an application for Letters Patent in the United States, XVEX Hald NEW MAKEN December 20, 2001 as Application Serial No. 10/029,721;

AND WHEREAS, Nitto Denko Corporation (hereinafter "ASSIGNEE"), a Japanese Corporation, with its principal place of business at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

| This 28th day of January | , 200 2 | Takuya MATSUNAGA |  |
|--------------------------|---------|------------------|--|
| This 28th day of January | , 20 02 | Hiroshi SHIBATA  |  |

PATENT REEL: 012697 FRAME: 0643 Application No.: 10/029,721

Filing Date: December 20, 2001

PATENT Client Code:

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This 28th day of January , 2002

Takayuki Shigematsu Takayuki SHIGEMATSU

This 28th day of January , 2002

This 28th day of January , 2002

Masayuki Satake Masayuki SATAKE

Takashi SHOUDA

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