

RECORDATI

P.

10-16-2003



py thereof.

102576012

03945 U.S. PTO
10/678855
100303

TO THE ASSISTANT COMMISSIONER FOR PATENTS: P

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Takeshi Matsumura 2. Masaki Mizutani

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

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

Name: Nitto Denko Corporation

Address: 1-1-2, Shimohozumi, Ibaraki-shi,
Osaka 567-8680 Japan

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) Both executed on 09/10/03

4. Application number(s) or Patent number(s):

- (X) Application(s) filed herewith
Execution Date(s): Both executed on 09/10/03
() Patent Application No.:
Filing Date:
() Patent No.:
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: Fourteenth Floor
Street Address: 2040 Main Street
City: Irvine State: CA ZIP: 92614
Attorney's Docket No.: UNIU79.014AUS

7. Total fee (37 CFR 1.21(h)): \$40.00

- (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: 1

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

Signature

October 3, 2003

Date

43,315

Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

H:\DOCS\KOA\KOA-8839.DOC
100303

PATENT

Application No.:

Filing Date:

Page 1

ASSIGNMENT

WHEREAS, We, Takeshi MATSUMURA, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, Masaki MIZUTANI, a Japanese citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, have invented certain new and useful improvements in a

DICING/DIE-BONDING FILM, METHOD OF FIXING CHIPPED WORK and SEMICONDUCTOR DEVICE;

for which I have executed an application for Letters Patent in the United States, even date herewith;

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 10th day of September, 2003

Takeshi Matsumura
Takeshi MATSUMURA

This 10th day of September, 2003

Masaki Mizutani
Masaki MIZUTANI