

RE

08-01-2001



101794583

Attorney Docket
No.: 9982-23US (1111US)

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Masaaki ANDO
Katsumi ISHII
Satoru ISHIHARA

7-1801

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

Nitto Denko Corporation
1-2, Shimohozumi 1-chome, Ibaraki-shi,
Osaka, JAPAN

J1040 U.S. PTO
09/907994
07/16/01

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: July 16, 2001

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: July 16, 2001

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41) Cal. 1 x \$40.00 = \$ **40.00**

☒ Check enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: **50-1017**
(Billing No.: 209982.0023)

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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.

William W. Schwarze
Name of Person Signing

Signature

July 18, 2001
Date

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

Attorney Docket No. 9982-23US
(1111US)

JOINT

A S S I G N M E N T

WHEREAS, we, Masaaki Ando, Satoru Ishihara, Katsumi Ishii
_____,
respectively citizens of Japan, with respective post
office addresses of c/o NITTO DENKO CORPORATION, 1-2, Shimohozumi 1-chome,
Ibaraki-shi, Osaka, Japan,
hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

**RUNNING METHOD AND WASHING METHOD FOR SPIRAL WOUND
MEMBRANE ELEMENT AND SPIRAL WOUND MEMBRANE MODULE**

for which we have executed a United States patent application, Application No. _____,
filed herewith, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the
Application Number and Filing date of this application if they are unknown at the time of
execution of this Assignment.

WHEREAS, NITTO DENKO CORPORATION, a Japanese
corporation having a place of business at 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka,
Japan, hereinafter generally referred to as "ASSIGNEE", is
desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and
valuable executed consideration, the full receipt and sufficiency of all of which are hereby
acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS,
hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer
and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the
territory of the United States and its possessions and territories and all foreign
countries;

in and to said invention as described and any and all related United States and
foreign patents applications disclosing said invention, including provisionals, non-
provisionals, divisions and continuations thereof, along with all rights of priority
created by patent application under treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

16/7/2001
(Date)

Masaaki Ando (Seal)

16/7/2001
(Date)

Katsumi Ishii (Seal)

16/7/2001
(Date)

Satoru Ishihara (Seal)