

05-31-2000

09/509554

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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To the Honorable Commissione



1. Name of Conveying party(ies):
Yoshitaka ONO
Taki ADACHI

101370136

Name of receiving party(ies)

MMU
4.13.00

Name: IBIDEN Co., Ltd.

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

Street Address: 1, Kanda-cho 2-chome, Ogaka-shi,

Gifu 503-0917, JAPAN

City: State: ZIP

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

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

Execution Date: January 19 & 24, 2000

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 19 & 24, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: Yes No

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

6. Total number of applications and patents involved: 1

Name: Bruce H. Bernstein

7. Total Fee (37 CFR 3.41).....\$ 40.00

Internal Address: P18918

Enclosed

Authorized to be charged to deposit account

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

1941 Roland Clarke Place
04/21/2000 MCLAYD 0000040 09509554
03 FC:581 Reston State: VA 00 80 ZIP: 20191

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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.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

Leslie J. Paperman Reg. No. 33,329
Signature

4/13/00
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

LISTING OF ADDITIONAL RECEIVING PARTIES

Name: Sanyo Chemical Industries, Ltd.

Street address: 11-1, Ichinohashinomoto-cho, Higashiyama-ku, Kyoto-shi,
Kyoto, 605-0995. JAPAN

ASSIGNMENT

WHEREAS, **Yoshitaka ONO**, a citizen of Japan, whose post office address is c/o IBIDEN Co., Ltd., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu, 501-0601, Japan, and **Taki ADACHI**, a citizen of Japan, whose post office address is c/o Sanyo Chemical Industries, Ltd., 11-1, Ichinohashinomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto, 605-0995, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

ADHESIVE FOR ELECTROLESS PLATING AND METHOD OF PRODUCING
THE SAME _____

for which they have, on the dates indicated below, executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHEREAS, **IBIDEN Co., Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is 1, Kanda-cho 2-chome, Ogaki-shi, Gifu 503-0917, Japan, and **Sanyo Chemical Industries, Ltd.**, a corporation organized and existing under the laws of Japan, whose post office address is 11-1, Ichinohashinomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto, 605-0995, Japan, hereinafter known as the ASSIGNEES, are desirous of becoming joint owners with each having an equal undivided interest in the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEES, their assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEES and their assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEES and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEES, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, their assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the dates indicated below.

Witnessed by:

Kazuhisa Hara Jan. 19, 2000
 Name Date
 Kazuhisa HARA

Yoshitaka Ono Jan. 19, 2000
 Yoshitaka ONO Date

Tomohiro Nishikawa Jan. 19, 2000
 Name Date
 Tomohiro NISHIKAWA

Witnessed by:

Satoshi Kuriyama Jan. 24, 2000
 Name Date
 Satoshi KURIYAMA

Taki Adachi Jan. 24, 2000
 Taki ADACHI Date

Kenichi Sakurai Jan. 24, 2000
 Name Date
 Kenichi SAKURAI