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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Com



101236008

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1. Name of Conveying party(ies):

Motoo ASAI
Yoshitaka ONO
Masato KAWADE
Kouta NODA
Youko NISHIWAKI

and address of receiving party(ies)

Name: IBIDEN CO., LTD.

Internal Address:

Street Address: 1. Kanda-cho, 2-chome,

Ogaki-shi, Gifu 503-0917 JAPAN

City: State: ZIP:

Additional name(s) and address(es) attached? Yes ☒ NoAdditional name(s) of conveying party(ies) attached? Yes ☐ No ☒

3. Nature of conveyance:

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

Execution Date: September 13, 13, 13, 13 & 13, 1999

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: September 13, 13, 13, 13 & 13, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: Yes ☐ No ☒

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

Name: Bruce H. Bernstein

Internal Address: P18437

6. Total number of applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

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

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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

Signature

Date

Total number of pages including cover sheet, attachments and document: 4

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

ASSIGNMENT

WHEREAS, **Motoo ASAI**, 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, **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, **Masato KAWADE**, 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, **Kouta NODA**, 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 **Youko NISHIWAKI** 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, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

ADHESIVE FOR ELECTROLESS PLATING, MATERIAL COMPOSITION
FOR PREPARING THE ADHESIVE, AND PRINTED CIRCUIT BOARD

for which they have, on the date indicated below, executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office, and which is a National Stage Application of PCT/JP98/01724.

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, hereinafter known as the ASSIGNEE, is desirous of acquiring 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 ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its 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 ASSIGNEE and its 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 ASSIGNEE and its 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 ASSIGNEE, 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 ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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

Witnessed by:

Tomohiro Nishikawa 99/sep/13
Name Date
Tomohiro NISHIKAWA

Motoo Asai 99/sep/13
Motoo ASAI Date

Tsunehiro Kohara 99/sep/13
Name Date
Tsunehiro KOHARA

Witnessed by:

Tomohiro Nishikawa 99/sep/13
Name Date
Tomohiro NISHIKAWA

Yoshitaka Ono 99/sep/13
Yoshitaka ONO Date

Tsunehiro Kohara 99/sep/13
Name Date
Tsunehiro KOHARA

Witnessed by:

Tomohiro Nishikawa 99/sep/13
Name Date
Tomohiro NISHIKAWA

Masato Kawade 99/sep/13
Masato KAWADE Date

Tsunehiro Kohara 99/sep/13
Name Date
Tsunehiro KOHARA

Witnessed by:

Tomohiro Nishikawa 99/sep/13
Name Date
Tomohiro NISHIKAWA

Kota Noda
Kouta NODA

99/sep/13
Date

Tsunehiro Kohara 99/sep/13
Name Date
Tsunehiro KOHARA

Witnessed by:

Tomohiro Nishikawa 99/sep/13
Name Date
Tomohiro NISHIKAWA

Youko NISHIWAKI
Youko NISHIWAKI

99/sep/13
Date

Tsunehiro Kohara 99/sep/13
Name Date
Tsunehiro KOHARA