

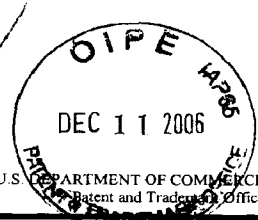
Atty Docket No.: 293236US40

FORM PTO-1595  
06-04

12-14-2006



103349226



To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yoichiro KAWAMURA  
Shigeki SAWA  
Katsuhiko TANNO  
Hironori TANAKA  
Naoaki FUJII

12-11-06

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

Name: IBIDEN CO., LTD.  
Address: 1, Kanda-cho 2-chome, Ogaki-shi,  
Gifu 503-8604 Japan

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

3. Nature of Conveyance:

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

Execution Date: October 23, 23, November 7, 6, 2006

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

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

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/476,557

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220

6. Total 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: 15-0030  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Richard D. Kelly  
Name of Person Signing

*Joseph Scafetta, Jr.*  
Signature

DEC 11 2006  
Date

Registration Number: 27,757

Joseph Scafetta, Jr.  
Registration No. 26,803

Total number of pages including this cover sheet: 3

Do not detach this portion

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

Director of the United States Patent and Trademark Office  
Mail Stop Assignment Recordation Services  
Alexandria, Virginia. 22313

H:\DEC. ASSN. DRAW\29s\293236US PTO 1595.DOC

PATENT  
REEL: 018692 FRAME: 0384

GH1809R-US

## Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

WHEREAS, I (WE) Yoichiro KAWAMURA whose residence address is c/o IBIDEN CO., LTD., 1-1, Kitakata,  
Ibigawa-cho, Ibi-gun, Gifu 501-0695 Japan, Shigeki SAWA whose residence address is c/o  
IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0695 Japan, Katsuhiko  
TANNO whose residence address is c/o IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun,  
Gifu 501-0695 Japan, Hironori TANAKA whose residence address is c/o IBIDEN CO., LTD., 1-1,  
Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0695 Japan and Naoaki FUJII whose residence address is  
c/o IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0695 Japan

INSERT TITLE OF  
INVENTION:

\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: PRINTED WIRING BOARD

(Application No. 11/476,557 , filed June 29,2006 ), and

WHEREAS, IBIDEN CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Kanda-cho 2-chome, Ogaki-shi, Gifu  
503-8604 Japan is desirous of acquiring the entire right, title and interest in and to said  
invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial  
possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  
acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer  
unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial  
possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which  
may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in  
and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions  
and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the  
assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,  
its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and  
entirely as the same would have been held by me (us) had this Assignment and sale not been made.

06/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 23th. Oct. 2006

Yoichiro Kawamura  
(Signature of Inventor) Yoichiro KAWAMURA

Date: 23th. Oct. 2006

Shigeki Sawa  
(Signature of Inventor) Shigeki SAWA

Date: 23th. Oct. 2006

Katsuhiko Tanno  
(Signature of Inventor) Katsuhiko TANNO

Date: 7th. Nov. 2006

Hironori Tanaka  
(Signature of Inventor) Hironori TANAKA

Date: 6th. Nov. 2006

Naoaki Fujii  
(Signature of Inventor) Naoaki FUJII

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

06/04