

12-17-2001



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

1. Name of conveying party(ies):
Choichirou KODAKA, Masahiro SHINDO

Tadashi ITO

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

3. Nature of conveyance:

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

Execution Date: November 5, 2001

2. Name and address of receiving party(ies)

Name: Kokusai Denki Engineering Co., Ltd.

Internal Address: 43-224, Aza Tsurunumadai,

Tennomach Tenno, Minamiakita-Gun, Akita, Japan

Street Address: _____

City: _____ State: _____ Zip: _____

Country: _____ Postal Code: _____

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

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:

November 5, 2001

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:

Attorney Name: Jeffrey L. Costellia

Firm Name: Nixon Peabody LLP

Internal Address: Suite 800

Street Address: 8180 Greensboro Drive,

City: McLean State: VA Zip: 22102

7. Total number of applications and patents involved:

One (1)

8. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

6. Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)

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10. 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.

Jeffery L. Costellia #35.483

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 03

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on _____

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12/12/2001 EAREGAY1 00000004 10006676
02 FL:581

Attorney Docket No. _____

ASSIGNMENT

WHEREAS, Choichirou Kodaka, Masahiro Shindo and Tadashi Ito
(hereinafter designated as the undersigned) has (have) invented certain new and useful
improvements
in HEAT SINK ELEMENT AND HIGH-FREQUENCY ELECTRONIC CIRCUIT
SUBSTRATE USING SUCH
for which an application for Letters Patent of the United States of America has been executed
by the undersigned on 11/5/2001, and;

WHEREAS, Kokusai Denki Engineering Co., Ltd. of 43-224, Aza Tsurunumadai,
Tennomachi Tenno, Minamiakita-Gun, Akita, Japan its heirs, successors, legal
representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring
the entire right, title and interest in and to said invention and in and to any Letters Patent(s)
that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the
undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and
valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these
presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said
invention in the United States of America and its territories and for all foreign countries,
dependencies and possessions and the entire right, title and interest in and to any and all
Letters Patent(s) which may be granted therefor in the United States of America and its
territories, dependencies and possessions, and in and to any and all divisions, reissues,
continuations and extensions thereof for the full term or terms for which the same may be
granted.

The undersigned agree(s) to execute all papers necessary in connection with this
application and any continuing, divisional or reissue applications thereof and also to execute
separate assignments in connection with such applications as the Assignee may deem
necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any
interference which may be declared concerning this application or any continuation, division or
reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the
Assignee in every way possible in obtaining and producing evidence and proceeding with such
interference.

The undersigned agree(s) to execute all papers and documents and to perform any act
which may be necessary in connection with claims under or provisions of the International
Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of NIXON PEABODY LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/5/2001, Name of Inventor Choichirou Kodaka (SEAL)
Choichirou Kodaka

Date 11/5/2001, Name of Inventor Masahiro Shindo (SEAL)
Masahiro Shindo

Date 11/5/2001, Name of Inventor Tadashi Ito (SEAL)
Tadashi Ito

Date _____, Name of Inventor _____ (SEAL)

Date _____, Name of Inventor _____ (SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)

Witness Hidenao Fujita
(name)

Hidenao Fujita
(signature)

Witness Shigeo Igarashi
(name)

Shigeo Igarashi
(signature)

Witness _____
(name)

(signature)