

12-11-2001



Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002,

101912176

HEET U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 0756-2350

12-6-01

C

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

1. Name of conveying party(ies):

Hideaki NINOMIYA
Hisao MOROOKA
Yoshihito YAMAMOTO
Kazuo NISHI

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

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Correction - See Item No. 6

Execution Date: _____

2. Name and address of receiving party(ies)

Name: Semiconductor Energy Laboratory Co., Ltd.

Internal Address: _____

Street Address: 398, Hase,

Atsugi-shi

City: Kanagawa-ken State: _____ Zip: _____

Country: Japan Postal Code: 243-0036

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: _____

A. Patent Application No.(s)

09/931,717

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: Eric J. Robinson

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: 18. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

6. Submission Type

- ☐ New
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Document ID# _____
☐ Correction of PTO Error
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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.

Eric J. Robinson, Reg. No. 38,285

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 7

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PATENT
REEL: 012349 FRAME: 0108

2. Name and address of receiving party(ies)

Name: TDK Corporation

Internal Address: _____

Street Address: 13-1, 1-chome

Chuo-ku

City: Tokyo State: _____ Zip: _____

Country: Japan Postal Code: 103-0027

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

08-28-2001

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)



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ET U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

ATTORNEY DOCKET: 740756-

U.S. PTO
09/931717
08/20/01

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

1. Name of conveying parties:

Hideaki NINOMIYA
Hisao MOROOKA
Yoshito YAMAMOTO
Kazuo NISHI

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

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

Name: Semiconductor Energy Laboratory Co., Ltd.Internal Address: 398 Hase, Atsugi-shi,Kanagawa-ken, 243-0036 Japan

(B) Name and address of receiving party:

Name: TDK CorporationInternal Address: 13-1, Nihonbashi, 1-chome,Chuo-ku, Tokyo 103-0027 Japan

3. Nature of conveyance:

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

Execution Date: July 31, 2000 & August 1, 2001Additional 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: July 31, 2001 and August 1, 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:

Name: Eric J. RobinsonInternal Address: Nixon Peabody LLPStreet Address: 8180 Greensboro Drive,Suite 800City: McLean State: VA Zip: 22102

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:

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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.

Eric J. Robinson

Name of Person Signing

[Signature]
SignatureAugust 20, 2001

Date

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Washington, D.C. 20231

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PATENT
REEL: 012349 FRAME: 0110

NIXON PEABODY LLP
United States Patent Rights

Attorney Docket No.

ASSIGNMENT

WHEREAS, Hideaki NINOMIYA, Hisao MOROOKA, Yoshihito YAMAMOTO and Kazuo NISHI (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in METHOD OF SUPPORTING A FLEXIBLE SUBSTRATE AND METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE for which an application for Letters Patent of the United States of America has been executed by the undersigned on _____, and;

WHEREAS, Semiconductor Energy Laboratory Co., Ltd. of 398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan; and TDK Corporation of 13-1, Nihonbashi, 1-chome, Chuo-ku, Tokyo 103-0027 Japan; their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are 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 Assignees 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 Assignees 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 Assignees 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 Assignees and to vest all rights therein hereby conveyed to said Assignees 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 said Assignees, as Assignees 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 07/21/2001 Name of Inventor Hideaki Ninomiya (SEAL)
Hideaki NINOMIYA

Date 07/31/2001 Name of Inventor Hisao Morooka (SEAL)
Hisao MOROOKA

Date 07/31/2001 Name of Inventor Yoshihito Yamamoto (SEAL)
Yoshihito YAMAMOTO

Date 08/01/2001 Name of Inventor Kazuo Nishi (SEAL)
Kazuo NISHI

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 _____	(signature)
(name)	
Witness _____	(signature)
(name)	
Witness _____	(signature)
(name)	