

12-31-2001

Docket No.: KOKUSAI 076

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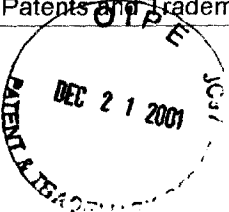
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuo Tanaka
Masaaki Ueno
Minoru Nakano
Hideto Yamaguchi

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

3. Nature of conveyance:

12-21-01

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

Execution Date: **October 26, 2001**

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

Name: **Hitachi Kokusai Electric, Inc.**Address: **14-20, 3-chome, Higashi-nakano Nakano-ku**City: **Tokyo** State/Prov.: _____Country: **JAPAN** ZIP: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No. Filing date

09/964,863**September 28, 2001**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Sean M. McGinn**Registration No. **34,386**Address: **McGinn & Gibb, PLLC****8321 Old Courthouse Road, Suite 200**City: **Vienna** State/Prov.: **VA**Country: **USA** ZIP: **22182-3817**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0481

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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.

Sean M. McGinn

Name of Person Signing

Signature

December 21, 2001

Date

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

PATENT
REEL: 012395 FRAME: 0931

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

Kazuo Tanaka
Masaaki Ueno
Minoru Nakano
Hideto Yamaguchi
c/o Hitachi Kokusai Electric Inc.
14-20, 3-chome, Higashi-nakano,
Nakano-ku, Tokyo, JAPAN

NAME AND ADDRESS
OF ASSIGNOR

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

TEMPERATURE CONTROLLING METHOD, THERMAL
TREATING APPARATUS, AND METHOD OF MANUFACTURING
SEMICONDUCTOR DEVICE

WHEREAS

FULL NAME AND ADDRESS
OF ASSIGNEE

Hitachi Kokusai Electric, Inc.
14-20, 3-chome, Higashi-nakano,
Nakano-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set
hand and seal this 26th day of October, 2001.

SIGNATURE

By: Kazuo Tanaka
Kazuo Tanaka

By: Masaaki Ueno
Masaaki Ueno

By: Minoru Nakano
Minoru Nakano

By: Yamaguchi Hideto
Hideto Yamaguchi

WITNESSES

Tsukasa Yashima

Tohru Hayashi