



**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, D.C. 20231, on February 20, 2001.  
*K M. McManus*  
K M. McManus

03-13-2001



101636873

2-21-01

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).**

**Submission Type**

☒ **New**  
☐ **Resubmission** (Non-Recordation)  
Document ID #

☐ **Correction of PTO Error**  
Reel #  Frame #

☐ **Corrective Document**  
Reel #  Frame #

**Conveyance Type**

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

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

☐ **Departmental File** ☐ **Secret File**

**Conveying Party(ies)**

☐ **Mark if additional names of conveying parties attached**

Name (line 1) Takayuki KANNO

**Effective Date**  
Month Day Year  
January 15, 2001

Name (line 2)

**Second Party**

Name (line 1)

**Effective Date**  
Month Day Year

Name (line 2)

**Receiving Party**

☐ **Mark if additional names of receiving parties attached**

Name (line 1) Ushiodenki Kabushiki Kaisha

Name (line 2)

Address (line 1) 19<sup>th</sup> Floor, Asahitokai Building, 6-1, Ohtemachi

Address (line 2) 2-chome, Chiyoda-ku

Address (line 3) Tokyo

Japan

100

City

State/Country

Zip Code

☐ **If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)**

**Domestic Representative Name and Address**

**Enter for the first Receiving Party only.**

Name David S. Safran, Esq.

Address (line 1) Nixon Peabody LLP

Address (line 2) 8180 Greensboro Drive

Address (line 3) Suite 800

Address (line 4) McLean, VA 22102

02/22/2001 SDENBOB1 00000082 09684981

40.00 OP

03 FC:581

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (06510-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patent and Trademarks, Box Assignments, Washington, D.C. 20231

NVA171672.1

**PATENT**  
**REEL: 011569 FRAME: 0050**

FORM PTO-1619B  
Expires 06/30/99  
OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

Correspondent Name and Address

Area Code and Telephone Number

(703) 770-9300

Name David S. Safran, Esq.

Address (line 1) NIXON PEABODY LLP

Address (line 2) 8180 Greensboro Drive

Address (line 3) Suite 800

Address (line 4) McLean, VA 22102

Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 3

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attachedEnter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/684,981

If this document is being filed together with a new Patent Application, enter the date the patent  
application was signed by the first named executing inventor.

Month Date Year

Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

40.00

Method of Payment:

Enclosed ☒ Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☐No ☐

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. Charges to deposit account are authorized, as  
indicated herein.*

David S. Safran

Name of Person Signing

Signature

February 20, 2001

Date

# ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Ushiodenki Kabushiki Kaisha of 19<sup>th</sup> Floor, Asahitokai Building, 6-1, Ohtemachi 2-chome, Chiyoda-ku, 100 Tokyo, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

## CONTROL APPARATUS FOR A LIGHT RADIATION-TYPE RAPID HEATING AND PROCESSING DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefore, filed October 10, 2000, assigned Application No. 09/684,981 and all United States Letters Patent which may be granted therefore, and all divisions, continuations, relasues, reexaminations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Ushiodenki Kabushiki Kaisha, its successors, assigns or other legal representatives, 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 and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignor;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Ushiodenki Kabushiki Kaisha

- |  | (Full Name)                    | (Signature)           |
|--|--------------------------------|-----------------------|
| 1. Date <u>15/07/07</u>  | Inventor <u>Takayuki KANNO</u> | <u>Takayuki Kanno</u> |
| Residence <u>Same as Post Office Address</u>   | Citizenship <u>Japan</u>       |                       |
| Post Office Address <u>12-2, Satsukigaoka, Aoba-ku, Yokohama-shi, Kanagawa-ken 227-0053, Japan</u> |                                |                       |
| 2. Date _____  | Inventor _____                 |                       |
| Residence <u>Same as Post Office Address</u>   | Citizenship _____              |                       |
| Post Office Address _____  |                                |                       |
| 3. Date _____  | Inventor _____                 |                       |
| Residence <u>Same as Post Office Address</u>   | Citizenship _____              |                       |
| Post Office Address _____  |                                |                       |
| 4. Date _____  | Inventor _____                 |                       |
| Residence <u>Same as Post Office Address</u>   | Citizenship _____              |                       |
| Post Office Address _____  |                                |                       |

Witness [Signature] 1) \_\_\_\_\_ 2) \_\_\_\_\_  
(All) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_

NYA168398.1