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To the Honorable Commi

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12-30-02

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazunori MATSUMOTO Seiji ODA  
Shigeki KAWABATA Tomohisa YAMAMOTO  
Shigekazu YAMAZAKI Toru NAKAJIMA

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

2. Name and address of receiving party(ies)

Name: TOYAMA Prefecture

Internal Address: \_\_\_\_\_

Street Address: 1-7 Shinsogawa, Toyama-shi,

Toyama 930-8501, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 9/4/2002; 9/4/2002; 9/4/2002;  
9/4/2002; 9/6/2002; 9/9/2002

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)

10/220,307

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Felix J. D'Ambrosio

Internal Address: P.O. Box 2266 Eads Station

Arlington, VA 22202

Street Address: 2001 Jefferson Davis Hwy.

Suite 1002

City: Arlington State: VA ZIP: 22202

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:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Felix J. D'Ambrosio  
Name of Person Signing

Dec. 30, 2002

Date

Total number of pages including cover sheet, attachments, and document: 5

Continuation of:

2. Name and address of receiving party(ies)

2) NAKAJIMA, Toru  
23-24, Shimoshakujii 3-chome,  
Nerima-ku, Tokyo 177-0042,  
JAPAN

Additional name(s) & address(es) attached - NO

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

**MATSUMOTO, Kazunori**  
**KAWABATA, Shigeki**  
**YAMAZAKI, Shigekazu**  
**ODA, Seiji**  
**YAMAMOTO, Tomohisa**

Hereby sell, assign and transfer to 1) **TOYAMA Prefecture**, a prefectural government of **JAPAN**, having a place of administration at 1-7, **Shinsogawa, Toyama-shi, Toyama 930-8501**, and 2) **NAKAJIMA, Toru**, a natural person, residing at 23-24, **Shimoshakujii 3-chome, Nerima-ku, Tokyo 177-0042, JAPAN**, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: **Phase-Controlled, Multi-Electrode Type of AC Discharge Light Source**, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date Sept. 4th, 2002

By Kazunori Matsumoto (L.S.)  
**MATSUMOTO, Kazunori**

Date 4 September 2002

By Shigeki Kawabata (L.S.)  
**KAWABATA, Shigeki**

Date Sept, 4th, 2002

By Shigekazu Yamazaki (L.S.)  
**YAMAZAKI, Shigekazu**

Date Sept, 4th, 2002

By Seiji Oda (L.S.)  
**ODA, Seiji**

Date Sept, 6th, 2002

By Tomohisa Yamamoto (L.S.)  
**YAMAMOTO, Tomohisa**

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

**NAKAJIMA, Toru**

Hereby sell, assign and transfer to **TOYAMA Prefecture**, a prefectural government of **JAPAN**, having a place of administration at **1-7, Shinsogawa, Toyama-shi, Toyama 930-8501**, its successors, assigns and legal representatives, part of the right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: **Phase-Controlled, Multi-Electrode Type of AC Discharge Light Source**, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 2002. 9. 9.

By: Toru Nakajima (L.S.)  
**NAKAJIMA, Toru**