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To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

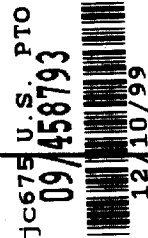
1. Name of conveying parties:
Hisashi Honda; Seiji Ashida; Kiyoshi Saita; Ariyoshi Ishizaki;
Akira Itoh; Shigehisa Kawatsuru; Tatsuo Otabe

2. Name and address of receiving party(ies):
Name: Toshiba Lighting & Technology Corporation
Address: 3-1, Higashishinagawa 4-chome Shinagawa-ku
Tokyo, JAPAN

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

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution date: December 1, 1999



4. Application number(s) or patent number(s):

A. Patent Application No(s).

B. Patent No(s).

09/458793

Additional numbers attached? Yes No

If this document is being filed together with a new application, the execution date of the application is: December 1, 1999

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

Jeffrey M. Sakoi, Esq.
CHRISTENSEN O'CONNOR
JOHNSON & KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, WA 98101-2347
(206) 682-8100

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41):..... \$ 40.00
Check No. _____ in the amount of \$40.00 is enclosed.

8. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No.03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application.

12/23/1999 TTUN11 00000183 09458793

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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.

Jeffrey M. Sakoi
Name of Attorney or Agent
Registration No. 32,059
Direct Dial (206) 695-1713

[Signature] 12/9/99
Signature Date

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

A S S I G N M E N T

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

HIGH-PRESSURE DISCHARGE LAMP AND ILLUMINATION DEVICE

said application having been filed on
and assigned Serial No. _____ ;
sell and assign to
TOSHIBA LIGHTING & TECHNOLOGY CORPORATION
a corporation of Japan, having a business address at
3-1, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

executed concurrently herewith: namely, December 1, 1999

executed separately herefrom:

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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.

Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, Washington 98101-2347

ASSIGNMENT

99S0033P1

<u>Inventor: (Signature)</u>	<u>Date</u>	<u>Residence and post office address</u>
<u>Hisashi Honda</u> Hisashi Honda	December 1, 1999	1-42-1-610, Sakamoto-cho, Yokosuka-shi, Kanagawa 238-0043, Japan
<u>Seiji Ashida</u> Seiji Ashida	December 1, 1999	1-16-6, Hirasaku, Yokosuka-shi, Kanagawa 238-0032, Japan
<u>Kiyoshi Saita</u> Kiyoshi Saita	December 1, 1999	48-17, Obaradai, Yokosuka-shi, Kanagawa 239-0812, Japan
<u>Ariyoshi Ishizaki</u> Ariyoshi Ishizaki	December 1, 1999	243-80, Setogaya-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0024, Japan
<u>Akira Itoh</u> Akira Itoh	December 1, 1999	2073-2-B401, Ijima-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0842, Japan
<u>Shigehisa Kawatsuru</u> Shigehisa Kawatsuru	December 1, 1999	1-4-16, Sahara, Yokosuka-shi, Kanagawa 239-0835, Japan
<u>Tatsuo Otabe</u> Tatsuo Otabe	December 1, 1999	1-25-5, Yaguchi, Ota-ku, Tokyo 146-0093, Japan

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CHRISTENSEN O'CONNOR
JOHNSON KINDNESS PLLC

1420 Fifth Avenue, Suite 2800,
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