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**PATENTS ONLY**

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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):

 Takasi OHSAWA  
 Yoshihisa KAWASAKI

4-12-02

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

 MITSUBISHI DENKI KABUSHIKI KAISHA  
 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

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

3. Nature of conveyance:

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

Execution Date: March 14, 2002

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

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

10110432

If this document is being filed together with a new application, the execution date of the application is: March 14, 2002

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:

 SUGHRUE MION, PLLC  
 2100 Pennsylvania Avenue, N.W.  
 Suite 800  
 Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
☐ Authorized to be charged to deposit account

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19-4880

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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.*

Robert J. Seas, Jr.

Reg. No. 21,092

April 12, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

**Mail documents to be recorded with required cover sheet information to:**
 Commissioner of Patents & Trademarks  
 Box Assignment  
 Washington, D.C. 20231

04/18/2002 MAIL11 00000011 10110432

02 EC:581 40.00 OP

# Assignment

Whereas, I/We, Takasi OHSAWA and Yoshihisa KAWASAKI of  
c/o MITSUBISHI DENKI KABUSHIKI KAISHA

hereinafter called assignor(s), have invented certain improvements in  
"DISCHARGE LAMP LIGHTING DEVICE"

and executed an application for Letters Patent of the United States of America therefor on  
March 14, 2002; and

Whereas,

MITSUBISHI DENKI KABUSHIKI KAISHA

of 2-3, Marunouchi 2-chome,

Chiyoda-ku, Tokyo 100-8310 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: March 14, 2002 Takasi Ohsawa Takasi OHSAWA  
s/

Date: March 14, 2002 Yoshihisa Kawasaki Yoshihisa KAWASAKI  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)