

6-23-00

Atty. Docket No.: 3506-101P  
Page 1 of 2

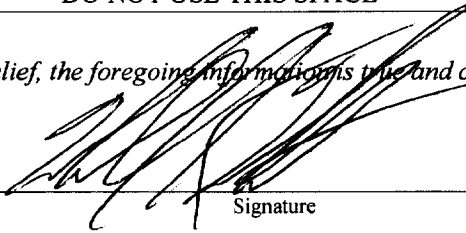
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## RECORDATION FORM COVER S

To the Honorable Commissioner of Patents and  
Please record the attached original documents or

<b>1. Name of conveying party(ies):</b> <b>Kazuhiko TSUGITA;</b> Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<b>2. Name and address of receiving party(ies)</b> Name: (1)Mitsubishi Denki Kabushiki Kaisha & (2)Mitsubishi Electric Lighting Corporation Internal Address: Street Address: (1) 2-3 Marunouchi 2-chome, Chiyoda-ku & (2) 14-40, Ofuna 2-chome, Kamakura-shi City: (1) Tokyo & (2) Kanagawa State: ZIP: Country: (1) Japan & (2) Japan Postal Code: (1) 100-8310 & (2) 247-0056 Japan Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Date: May 8, 2000			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No(s). <u>09/559,174</u> Additional numbers attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO B. Patent No.(s).  6. Total No. of applications/patents involved: <b>one (1)</b> 7. Total fee (37 C.F.R. § 3.41): <b>\$40.00</b> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: <u>02-2448</u> (Attach triplicate copy of this page if paying by deposit account)			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <b>BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP</b> Street Address: <b>P.O. BOX 747</b> City: <b>FALLS CHURCH</b> State: <b>VA</b> ZIP: <b>22040-0747</b> Country: <b>USA</b>			
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statement and signature.</b> <i>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.</i>  Michael K. Mutter, #29,680 Name of Person Signing/Reg. No.   Signature  June 23, 2000 Date  Total number of pages including cover sheet, attachments, and document: <b>four (4)</b>			

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(Rev. 04/19/2000)

PATENT  
REEL: 010918 FRAME: 0406

Attachment to  
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

**Kouji SHIBATA;**  
**Tetsuya KOBAYASHI;**  
**Isamu OGAWA;**  
**Kenji HAMAZAKI;**  
**Naoki WADA;**  
**Osamu ISHIKAWA;**  
**Moriaki OKUDA; and**  
**Yasunori IEKI**

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

5180874501

580-0241-1

3506-0101P

## BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## ASSIGNMENT

Application No. New 09/599,174Filed April 27, 2000Insert Name(s)  
of Inventor(s)WHEREAS, Kazuhiko TSUGITAKouji SHIBATATetsuya KOBAYASHIIsamu OGWAKenji HAMAZAKIHiroaki NISHIKAWANaoki WADAOsamu ISHIKAWAMoriaki OKUDAYasunori IEKI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title  
of InventionDISCHARGE LAMP LIGHTING APPARATUS

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Application

on \_\_\_\_\_; and

Insert Name  
of AssigneeWHEREAS, 1) Mitsubishi Denki Kabushiki Kaisha 2) Mitsubishi Electric Lighting CorporationInsert Address  
of Assigneeof 1) 2-3 Marunouchi 2-chome, Chivoda-ku, Tokyo 100-8310 JAPAN 2) 14-40, Ofuna 2-chome, Kamakura-shi, KANAGAWA 247-0056 JAPAN

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☐ in any foreign countries.CHECK BOX  
IF APPROPRIATE

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 8, 2000

Name of Inventor Kazuhiko Tsugita  
(signature) Kazuhiko TSUGITA

Date May 8, 2000

Name of Inventor Kouji Shibata  
(signature) Kouji SHIBATA

Date May 8, 2000

Name of Inventor Tetsuya Kobayashi  
(signature) Tetsuya KOBAYASHI

Date May 8, 2000

Name of Inventor Isamu Ogawa  
(signature) Isamu OGAWA

Date May 8, 2000

Name of Inventor Kenji Hamazaki  
(signature) Kenji HAMAZAKI

Date May 8, 2000

Name of Inventor Hiroaki Nishikawa  
(signature) Hiroaki NISHIKAWA

Date May 8, 2000

Name of Inventor

(signature) Naoki Wada  
Naoki WADADate May 8, 2000

Name of Inventor

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Osamu ISHIKAWADate May 8, 2000

Name of Inventor

(signature) Moriaki Okuda  
Moriaki OKUDADate May 8, 2000

Name of Inventor

(signature) Yasunori Ieki  
Yasunori IEKI

October 1998