

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | |
|--|---|---------------|---|---------------------|-------------------------------|-------------------|--------------|-----------------|------------|----------------|------------|-------------------|------------|------------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Masaru INOUE</td><td>08/28/2008</td></tr> <tr><td>Keiichi SHIMIZU</td><td>08/29/2008</td></tr> <tr><td>Sumio HASHIMOTO</td><td>08/28/2008</td></tr> <tr><td>Hirokazu OTAKE</td><td>08/29/2008</td></tr> <tr><td>Mitsuhiko NISHIIE</td><td>08/29/2008</td></tr> <tr><td>Takuro HIRAMATSU</td><td>08/28/2008</td></tr> <tr><td>Masatoshi KUMAGAI</td><td>08/28/2008</td></tr> </tbody> </table> | | Name | Execution Date | Masaru INOUE | 08/28/2008 | Keiichi SHIMIZU | 08/29/2008 | Sumio HASHIMOTO | 08/28/2008 | Hirokazu OTAKE | 08/29/2008 | Mitsuhiko NISHIIE | 08/29/2008 | Takuro HIRAMATSU | 08/28/2008 | Masatoshi KUMAGAI | 08/28/2008 |
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| Masatoshi KUMAGAI | 08/28/2008 | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>TOSHIBA LIGHTING & TECHNOLOGY CORPORATION</td></tr> <tr><td>Street Address:</td><td>3-1, Higashishinagawa 4-chome</td></tr> <tr><td>Internal Address:</td><td>Shinagawa-ku</td></tr> <tr><td>City:</td><td>Tokyo</td></tr> <tr><td>State/Country:</td><td>JAPAN</td></tr> </table> | | Name: | TOSHIBA LIGHTING & TECHNOLOGY CORPORATION | Street Address: | 3-1, Higashishinagawa 4-chome | Internal Address: | Shinagawa-ku | City: | Tokyo | State/Country: | JAPAN | | | | | | |
| Name: | TOSHIBA LIGHTING & TECHNOLOGY CORPORATION | | | | | | | | | | | | | | | | |
| Street Address: | 3-1, Higashishinagawa 4-chome | | | | | | | | | | | | | | | | |
| Internal Address: | Shinagawa-ku | | | | | | | | | | | | | | | | |
| City: | Tokyo | | | | | | | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12757596</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12757596 | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | |
| Application Number: | 12757596 | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | |
| <p>Fax Number: (703)773-5200</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-773-4000</p> <p>Email: josefina.cheng@dlapiper.com</p> <p>Correspondent Name: Dale S. Lazar</p> <p>Address Line 1: P.O. Box 2758</p> <p>Address Line 4: Reston, VIRGINIA 20195</p> | | | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 352161-000006 | | | | | | | | | | | | | | | | |

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PATENT
REEL: 024327 FRAME: 0198

NAME OF SUBMITTER:

Josefina Cheng

Total Attachments: 2

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ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

| | | |
|--------------------------|----|-----------------------------|
| <u>Masaru INOUE</u> | of | <u>Kanagawa-ken, Japan,</u> |
| <u>Keiichi SHIMIZU</u> | of | <u>Kanagawa-ken, Japan,</u> |
| <u>Sumio HASHIMOTO</u> | of | <u>Kanagawa-ken, Japan,</u> |
| <u>Hirokazu OTAKE</u> | of | <u>Kanagawa-ken, Japan,</u> |
| <u>Mitsuhiko NISHIIE</u> | of | <u>Shizuoka-ken, Japan,</u> |
| <u>Takuro HIRAMATSU</u> | of | <u>Kanagawa-ken, Japan,</u> |
| <u>Masatoshi KUMAGAI</u> | of | <u>Kanagawa-ken, Japan,</u> |

respectively; have invented certain new and useful improvements in: "LIGHTING APPARATUS" (hereinafter referred to as the "Invention"), for which an application for Letters Patent was filed on September 5, 2008 (Application No. 12/205,460); and

WHEREAS, TOSHIBA LIGHTING & TECHNOLOGY CORPORATION, (hereinafter referred to as "ASSIGNEE"), having a place of business at 3-1, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo, Japan, is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I/we, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent applications based thereon including any and all divisions, continuations, substitutions, renewals and reissues thereof together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention relating to Patents, Design-s and Industrial Models, and any other international agreements to which the United States of America adheres.

I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, 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 by me/us had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

DOCKET NO.: _____

The undersigned hereby grant(s) the firm of DLA Piper US LLP, Attorneys at Law, 1775 Wiehle Avenue, Suite 400, Reston, Virginia 20190-5159, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Aug. 28. 2008

Masaru Inoue
Name: Masaru INOUE

Date: Aug 29 2008

Keiichi Shimizu
Name: Keiichi SHIMIZU

Date: Aug. 28. 2008

Sumio Hashimoto
Name: Sumio HASHIMOTO

Date: Aug. 29. 2008

Hirokazu Otake
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Mitsuhiko Nishie
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Masatoshi Kumagai
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