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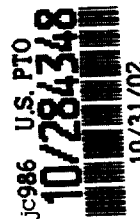
TO THE ASSISTANT COMMISSIONER OF
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Takeo YASUDA
3. Shinichiro MATSUMOTO
5. Toshiyuki HIRAOKA
7.

2. Masahiro TODA
4. Tsutomu ARAKI
6. Yoshiyuki MATSUNAGA
8.

10-31-02

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Toshiba Lighting & Technology Corporation

ADDRESS: 3-1, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST
☐ ORIGINAL ☒ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: 1), 2), 3), 5) and 6) October 24, 2002 and 4) October 28, 2002

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1), 2), 3), 5) and 6) October 24, 2002 and 4) October 28, 2002

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
New Application	0292101		10,284,348		

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 0292101

TLG2019-USA-AT

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT

NUMBER: 03-3975

UNDER ORDER NO

009270

0292101

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

9. 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.

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

3

Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Date: October 31, 2002

Atty/Sec: gjp/nlh

TEL: (703) 905-2161

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

11/13/2002 DBYRME 00000189 033975 10284348

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executed with or after application

Intellectual Property Group

USA Patent Appln.
Sole or Joint

Atty. Dkt. P

TLG2019

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Takeo YASUDA

(3) Shinichiro MATSUMOTO

(5) Toshiyuki HIRAOKA

(2) Masahiro TODA

(4) Tsutomu ARAKI

☒ x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Toshiba Lighting & Technology Corporation

3-1, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

COMPACT SELF BALLASTED FLUORESCENT LAMP AND LUMINAIRE

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☒ even date herewith(B) ☐ on(C) ☐ in U.S. Appln. No. /

filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

DATE SIGNED

WITNESSES

1): Takeo Yasuda
Name: Takeo YASUDA

2): Masahiro Toda
Name: Masahiro TODA

3): Shinichiro Matsumoto
Name: Shinichiro MATSUMOTO

4) Name: Tsutomu ARAKI
Name: Tsutomu ARAKI

5) Name: Toshiyuki Hiraoka
Name: Toshiyuki HIRAOKA

Oct. 24, 2002Oct. 24, 2002Oct. 24, 2002Oct. 28, 2002Oct. 24, 2002

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

(6)	Yoshiyuki MATSUNAGA	(11)
(7)		(12)
(8)		(13)
(9)		(14)
(10)		(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESS/DATES SIGNED

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6)	<i>Yoshiyuki Matsunaga</i>	<i>Oct 24, 2002</i>	
Name:	Yoshiyuki MATSUNAGA		
7)			
Name:			
8)			
Name:			
9)			
Name:			
10)			
Name:			
11)			
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