

12-24-98

01-19-1999

BOX ASSIGNMENTS



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

JCS11 U.S. PAT.
09/21/98
12/24/98

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

- 1. Akira KAWAKATSU
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

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

EXEC. DATE: December 22, 1998

CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) December 22, 1998

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	259345				

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

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 259345	TLG39817-USA-AT	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
MATTER NO.	CLIENT REF.	UNDER ORDER NO 9270 259345
		dup. sheet not required CLIENT NO. MATTER NO.

9. STATEMENT AND SIGNATURE.

01/3/1999 Under 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. 40.00 DP

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Attorney: Glenn J. Perry

Reg. No. 28458

Date: December 24, 1998

Atty/Sec: GJP/sje

TEL: (202) 861-3070

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

FORM P. 101 (REV. 10-16-95)

Pillsbury Madison & Suto LLP
Intellectual Property Group
Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3618

USA Patent Appln.
Sole or Joint

For inventions made outside USA
reported with or after application

Any. Int. P. No. 233345 | FL00017-USA-AT
Mo | Grant 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) <u>Akira KAWAKATSU</u>	(2)
(3)	(4)
(5)	<input type="checkbox"/> 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, Higashi-Shinjyawa 4-chome
Shinjyawa-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, amendments, and renewals thereof, and of resulting patents, known or

**TITLE OF
INVENTION**

PHOTOCATALYZER

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, separately and respectively the undersigned Assignor and the undersigned Assignee, do hereby issue said Letters Patent to the undersigned ASSIGNEE, for as against the 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, demanded by ASSIGNEE in ASSIGNEE'S full protection and title in and to the invention hereby assigned.

NOTE → → The undersigned hereby authorize(s) Pillsbury Madison & Suto LLP of the above address to execute herein any further authorization necessary of execution for prosecution of this disclosure.

	INVENTORS	DATE SIGNED	WITNESSES
1) Name:	<u>Akira Kawakatsu</u>	<u>Dec 22 1998</u>	
2) Name:			
3) Name:			
4) Name:			
5) Name:			

PAT-116 (1/87)