

06-16-1999

DO NOT USE FOR TRADEMARKS

ms 6-15-99

R  
PAT

101068868

TO THE ASSISTANT COMMISSIONER OF F.

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

1. Noboru YAMAMOTO
3. Goichi ODA
5. Tomoyuki FUNAYAMA
- 7.

2. Hiroaki OKUCHI
4. Yasushi NOYORI
- 6.
- 8.

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

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

NAME: 1) DENSO CORPORATION and 2) KOITO MANUFACTURING CO., LTD.

ADDRESS: 1) 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan and 2) 8-3, Takanawa, 4-chome, Minato-ku, Tokyo, 108-0074 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  
☐ CHANGE OF NAME ☐ ACCURATE TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: 1-2) April 12, 1999; 3-4) May 12, 1999; and 5) May 6, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1-2) April 12, 1999; 3-4) May 12, 1999; and 5) May 6, 1999

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 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
09/304,840	260492				

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 \_\_\_\_ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 260492

50249-US-KK

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

30954

260492

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

## 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.

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

2

Signature

Attorney: G. Lloyd Knight

Reg. No. 17698

Atty/Sec: GLK/blg

TEL: (202) 861-3090

Date: June 15, 1999

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

06/17/1999 CVDRACHA 00000024 09304840

04 FC:581

40.00 UP

Please return signed/recorded to:

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3918

USA Patent Appln.  
Sole or Joint

50249-0  
For Inventions made outside USA  
executed with or after application  
Atty. Dkt. PMS 260492 | 50249-US-KK  
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) Noboru Yamamoto (3) Goichi Oda (5) Tomoyuki Funayama	(2) Hiroaki Okuchi (4) Yasushi Noyori <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)	DENSO CORPORATION 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan and KOTTO MANUFACTURING CO., LTD. 8-3, Takanawa, 4-chome, Minato-ku, Tokyo, 108-0074 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

DISCHARGE LAMP APPARATUS

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

NOTE → → (A) ☒ even date herewith  
(Complete) (B) ☐ on \_\_\_\_\_  
line A, B and/or C) (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 Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): <u>Noboru Yamamoto</u> Name: <u>Noboru Yamamoto</u>	<u>April 12, 1999</u>	<u>Yuko Hirabayashi</u>
2): <u>Hiroaki Okuchi</u> Name: <u>Hiroaki Okuchi</u>	<u>April 12, 1999</u>	<u>Yuko Hirabayashi</u>
3): <u>Goichi Oda</u> Name: <u>Goichi Oda</u>	<u>May 12, 1999</u>	<u>Yasushi Takatani</u>
4) Name: <u>Yasushi Noyori</u> Name: <u>Yasushi Noyori</u>	<u>May 12, 1999</u>	<u>Yasushi Takatani</u>
5) Name: <u>Tomoyuki Funayama</u> Name: <u>Tomoyuki Funayama</u>	<u>May 6, 1999</u>	<u>Masachika Kamigaito</u>