

05-18-1999

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents

101039266

Send original documents or copy them

jc525 U.S. PTO
09/30/99
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1. Name of Conveying party(ies):
Yiyoung SUN
Takeshi GORIKI

2. Name and address of receiving party(ies)

Name: MATSUSHITA ELECTRIC WORKS R&D LABORATORY,
Inc.

Internal Address: _____

Street Address: 216 West Cummings Park

City: Woburn State: MASS ZIP: 01801

Additional name(s) and address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 28, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: April 28, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/302269

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bruce H. Bernstein

Internal Address: P17489

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

05/13/1999 ASKAT1 00000054 09302269
03 EC:581 40.00 00

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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.

Bruce H. Bernstein Reg. No. 29,027
Name of Person Signing

Bruce H. Bernstein
Signature

4/2/99
Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 009946 FRAME: 0591

ASSIGNMENT

WHEREAS, **Yiyong SUN**, a citizen of the United States of America, whose post office address is 26 Holly Lane, Beverly, Massachusetts, 01915, and **Takeshi GORIKI**, a citizen of Japan, whose post office address is 833 Arboretum Way, Burlington, Massachusetts, 01803, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**DRIVING CIRCUIT FOR HIGH INTENSITY DISCHARGE LAMP
ELECTRONIC BALLAST**

for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHEREAS, **Matsushita Electric Works R&D Laboratory, Inc.**, a corporation organized and existing under the laws of the State of California, whose post-office address is 216 West Cummings Park, Woburn, Massachusetts 01801, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said

PATENT

"REEL: 009946 FRAME: 0592

ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

Witnessed by:

Janne Nelson 4/28/99
Name Date

Yyoung Sun 4/28/99
Yyoung SUN Date

Kyo Uchikashi 4/28/99
Name Date

Witnessed by:

Janne Nelson 4-29-99
Name Date

T. Goriki 4/29/99
Takeshi GORIKI Date

Kyo Uchikashi 4/29/99
Name Date

MY COMMISSION EXPIRES OCTOBER 11, 2002

Janne Nelson
4-29-99