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- (1) Tokushi YAMAUCHI
(2) Tsutomu SHIOMI
(3) Minoru MAEHARA
(4) Yutaka IWAHORI
(5) Toshiaki NAKAMURA
(6) Takeshi KAMOI

4. 1. 6 4

2.1

102713766

Name: Matsushita Electric Works, Ltd.

Address: 1048, Oaza-Kadoma, Kadoma-shi,
Osaka 571-8686, Japan

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 19, 2003

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

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:

A. Patent Application No.(s)

10/473,361

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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22850

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6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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PATENT
REEL: 015166 FRAME: 0465

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Tokushi YAMAUCHI of Hirakata-shi, Japan,
Tsutomu SHIOMI of Kitakatsuragi-gun, Japan,
Minoru MAEHARA of Matsubara-shi, Japan,
Yutaka IWAHORI of Kadoma-shi, Japan,
Toshiaki NAKAMURA of Kadoma-shi, Japan and
Takeshi KAMOI of Woburn, Massachusetts, U.S.A.

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,
 have invented certain new and useful improvements in: _____

INSERT TITLE
OF INVENTION:

ELECTRONIC BALLAST FOR A HIGH INTENSITY DISCHARGE LAMP

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on August 19, 2003
 (Application No. 10/473,361, filed September 30, 2003), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Matsushita Electric Works, Ltd.

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore 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 whereof 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 to the said invention in the United States and its territorial possessions and in 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 divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and 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, its (his) 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.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) 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 Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 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: August 19, 2003

(Signature of Inventor)

Tokushi YAMAUCHI

Date: August 19, 2003

(Signature of Inventor)

Tsutomu SHIOMI

Date: August 19, 2003

(Signature of Inventor)

Minoru MAEHARA

Date: August 19, 2003

(Signature of Inventor)

Yutaka IWAHORI

Date: August 19, 2003

(Signature of Inventor)

Toshiaki NAKAMURA

Date: August 19, 2003

(Signature of Inventor)

Takeshi KAMOI

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

10/01