

01-20-2004



102649485

Docket No.: 82478-0300

HEET

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shunsuke Kakisaka Hiroshi Enami
Tatsuo Nishimoto Yoshiharu Nishiura
Masanori Higashi
Mikio Miura

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: August 19, 25 & 26, 2003

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

Address: 1006, Oaza Kadoma, Kadoma-shi

City: Osaka-fu State/Prov.:

Country: Japan ZIP: 571-8501

Additional name(s) & address(es) ☐ Yes ☒ No

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

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

Patent Application No. Filing date
10/641,147 08/14/2003

B. Patent No.(s)

Additional numbers ☐ Yes ☒ No

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

Name: Joseph W. Price

Registration No. 25,124

Address: SNELL & WILMER LLP

1920 Main Street, Suite 1200

01/16/2004 DBYNE 00000090 192814 10641147

01 FC:0021 40.00 DA City: Irvine State/Prov.: CA

Country: USA ZIP: 92614

6. Total number of applications and patents involved: 1

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

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☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2814

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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.

Joseph W. Price

Name of Person Signing

Signature

January 12, 2004

Date

4

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PATENT
REEL: 014886 FRAME: 0453

ASSIGNMENT

WHEREAS, we, Shunsuke KAKISAKA, Tatsuo NISHIMOTO, Masanori HIGASHI, Mikio MIURA, Hiroshi ENAMI and Yoshiharu NISHIURA
citizens of Japan, respectively, have invented certain new and useful improvements in
a METAL VAPOR DISCHARGE LAMP AND LIGHTING APPARATUS CAPABLE OF
STABLE MAINTENANCE OF CHARACTERISTICS

for which we have executed application for Letters Patent of the United States,

assigned Serial No. 10/641,147 filed 08/14/2003

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD a corporation of
Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu,
571-8501, Japan is desirous of obtaining the entire right, title and interest in, to and under the
said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100¥) to us in hand
paid, and other good and valuable consideration, the receipt of which is hereby acknowledged,
we, Shunsuke KAKISAKA, Tatsuo NISHIMOTO, Masanori HIGASHI, Mikio MIURA, Hiroshi
ENAMI and Yoshiharu NISHIURA have sold, assigned, transferred and set over, unto said
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives
and assigns, the entire right, title and interest in, to and under said improvements, and said
application and all divisions, renewals and continuations thereof, and all Letters Patents of the
United States, which may be granted thereon and all reissues and extensions thereof, and all
priority rights under the International Convention for the Protection of Industrial Property for
every country of the Union, and all applications for Letters Patents which may hereafter be
filed for said improvements in any country or countries foreign to the United States, and all
Letters Patent which may be granted for said improvements in any country or countries

foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of

August, 2003

Shunsuke Kakisaka
Shunsuke KAKISAKA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of

August, 2003

Tatsuo Nishimoto
Tatsuo NISHIMOTO

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of

August, 2003

Masanori Higashi

Masanori HIGASHI

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of

August, 2003

Mikio Miura

Mikio MIURA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25th day of

August, 2003

Hiroshi Enami

Hiroshi ENAMI

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26th day of

August, 2003

Yoshiharu Nishiura

Yoshiharu NISHIURA