

05-07-2002



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Attorney Docket No.: M894.312-0007 -- dlo

To the Commissioner for Patents: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

- (1) Huiling Zhu
(2) Shin Ukegawa
(3) Hiroshi Nohara
(4) Jakob Maya

4.24.02

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

3. Nature of Conveyance:

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

Execution Dates: January 22, January 25 and January 28, 2002

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

Name: (1) Matsushita Electric Industrial Co., Ltd. and
(2) Matsushita Electric Works, Ltd.

Internal Address: _____

Street Address: (1) 1006, Oaza Kadoma, Kadoma-shi and (2)
1048 Oaza Kadoma, Kadoma-shi

City: Osaka, State: _____ ZIP (1) 571-8501 and (2) 571-8686Additional name(s) & address(es) attached? ☐ Yes ☒ No

4A. Application No.(s)

10/062,078

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

Additional numbers attached? ☐ Yes ☒ No

4B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Theodore F. NeilsStreet Address: Kinney & Lange, P.A.,312 South Third StreetCity: Minneapolis State: MN ZIP 55415-1002

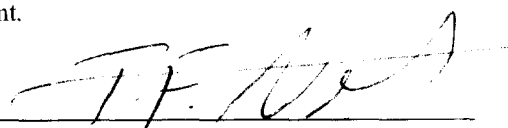
6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

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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.


Theodore F. Neils

4/16/02
Date

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

05/06/2002 DBYRME 00000086 10062078

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PATENT
REEL: 012853 FRAME: 0567

ASSIGNMENT

Attorney Docket No.

M894.312-0007

First Named Inventor : Huiling Zhu

Title : HIGH EFFICACY METAL HALIDE LAMP WITH PRASEODYMIUM
AND SODIUM HALIDES IN A CONFIGURED CHAMBER

As a below named inventor, I, Huiling Zhu of Lexington, Massachusetts, U.S.A.; Shin Ukegawa of Kyotanabe City, Kyoto, Japan; Hiroshi Nohara of Nishinomiya City, Hyogo, Japan; and Jakob Maya of Brookline, Massachusetts, U.S.A., have invented certain new and useful improvements as described in a non-provisional application entitled HIGH EFFICACY METAL HALIDE LAMP WITH PRASEODYMIUM AND SODIUM HALIDES IN A CONFIGURED CHAMBER for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable as the United States Patent and Trademark Office by Application No. _____, filed _____; and

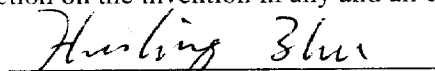
WHEREAS, title and interest in and to the invention, the application, and any and all United States Letters Patent or similar legal protection to be Matsushita Electric Industrial Co., Ltd., a corporation existing under the laws of Japan, and having offices at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Osaka, Japan; and Matsushita Electric Works, Ltd., a corporation existing under the laws of Japan, and having offices at 1048 Kadoma, Osaka, Japan, ("Assignees") are desirous of acquiring the entire right, obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application and all Letters Patent or similar legal protection issuing thereon; and I authorize the Commissioner of Patents and Trademarks of the United States to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignees, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

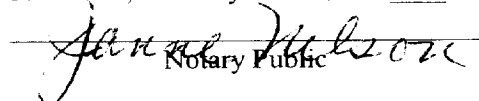
I authorize the Assignees, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired.

I represent to the Assignees, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.


Huiling Zhu

STATE OF MASSACHUSETTS)
) ss.
COUNTY OF MIDDLESEX)

Subscribed and sworn to before me, a Notary Public, this 22 day of JANUARY, 2002.


Notary Public

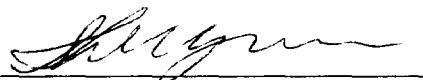
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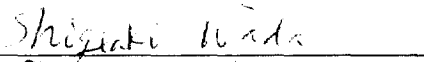
Assignment of Patent Application
HIGH EFFICACY METAL HALIDE LAMP
WITH PRASEODYMIUM AND SODIUM
HALIDES IN A CONFIGURED CHAMBER
M894.312-0007
MEI Reference: P26553-01
MEW Reference: 01W00552-1454-US-X11-236G
Shusaku Yamamoto Reference: F5-01882803

Signature:
Printed Name:


Shin Ukegawa

Date: 1-25-2002

Witnessed By:
Printed Name:
Title:
Address:

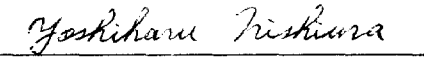

Shigeaki Wada
General Manager
1048 Kudoma, OSAKA 571-8686, Japan

Signature:
Printed Name:


Hiroshi Nohara

Date: 01/28/02


Witnessed By:
Printed Name:
Title:
Address:


Yoshiharu Nishimura
Manager
5-12-10-1301 Nango OOTSU, Shiga, 520-0865, Japan


Jakob Maya

STATE OF MASSACHUSETTS)
) ss.
COUNTY OF MIDDLESEX)

Subscribed and sworn to before me, a Notary Public, this 22 day of JANUARY, 2002


Notary Public

(SEAL)

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