

MAD  
3-12-98

12 MAR 1998

08/981823

FORM PTO-1595

REC

06-16-1998

EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Attorney Docket No.: 43888-030

100738011

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Hirokazu TACHIBANA, Akiyoshi HATTORI, Nobuyuki YOSHIIKE and Akihiko YOSHIDA

2. Name and address of receiving party(s):  
Matsushita Electric Industrial Co., Ltd.  
1006, Oaza-Kadoma, Kadoma-shi, Osaka-fu, 571 JAPAN

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

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

3. Nature of conveyance:

- ☒ Assignment  
Merger  
Security Agreement  
Change of Name  
Other

Execution Date: January 13, 1998

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) 08/981,823  
B. Patent No.(s)

Additional numbers attached? No

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

Edward E. Kubasiewicz, Esq.  
McDermott, Will & Emery  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005

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 No: 13-0203

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

DO NOT USE THIS SPACE

9. Statement and signature.

04/30/1998 WCLAYBRD 00000137 130203 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.

01 EE:5A1 40.00 CH  
Edward E. Kubasiewicz, No. 30,020  
Name of Person Signing

Signature/Date: 12 March 1998

Total number of pages including cover sheet, attachments, and document: 4

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

PATENT  
REEL: 9237 FRAME: 0685

ASSIGNMENT

WHEREAS, Hirokazu TACHIBANA, Akiyoshi HATTORI,  
Nobuyuki YOSHIIKE and Akihiko YOSHIDA  
hereinafter called the "Assignors," have jointly invented a  
new and useful invention entitled Deodorizing and disinfecting apparatus  
having catalyst deterioration detection function  
for which they have:

- (a) filed an application for United States  
Letters Patent on January 14, 1998 as  
(Serial No. 08/981,823); or
- (b) executed an application for United States  
Letters Patent on \_\_\_\_\_;  
and

WHEREAS, Matsushita Electric Industrial Co., Ltd.,  
a corporation organized and existing under the laws of Japan,  
having a place of business at 1006, Oaza-Kadoma, Kadoma-shi,  
Osaka-fu, 571 Japan, hereinafter called the "Assignee," is  
desirous of acquiring the entire right, title and interest in  
and to said invention, the application above identified, and  
in, to and under any Letters Patent which may be obtained to  
said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it  
known that for and in consideration of the sum of One Dollar  
(\$1.00), and other valuable and legally sufficient  
considerations, the receipt of which by said Assignors from  
the said Assignee is hereby acknowledged, the said Assignors  
have sold, assigned and transferred, and by these presents do  
sell, assign and transfer unto the said Assignee, the entire,  
right, title and interest for the United States in and to the  
invention and application hereinabove identified, and any  
Letters Patent of the United States that may issue for said  
invention, together with the entire right, title and interest  
in and to said invention and applications for Letters Patent  
and Letters Patent therefor, in all countries foreign to the  
United States, including the full right to claim for any such  
application all benefits and priority rights under any  
applicable convention; to have and to hold for the sole and  
exclusive use and benefit of the said Assignee, its successors  
and assigns, to the full end of the term or terms for which  
any and all of said Letters Patent for said inventions may  
issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist their said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands and affixed their seals.

Date: January 13, 1998 *Hirokazu Tachibana* (Seal)  
Hirokazu TACHIBANA

WITNESSED:

Date: January 13, 1998 *Kiyotaka Igarashi*  
Date: January 13, 1998 *Kaoru Yamamoto*

Date: January 13, 1998 *Akiyoshi Hattori* (Seal)  
Akiyoshi HATTORI

WITNESSED:

Date: January 13, 1998 *Kiyotaka Igarashi*  
Date: January 13, 1998 *Kaoru Yamamoto*

Date: January 13, 1998 *Nobuyuki Yoshiike* (Seal)  
Nobuyuki YOSHIKE

WITNESSED:

Date: January 13, 1998 *Kiyotaka Igarashi*  
Date: January 13, 1998 *Kaoru Yamamoto*

Date: January 13, 1998

Akihiko Yoshida (Seal)  
Akihiko YOSHIDA

WITNESSED:

Date: January 13, 1998

Date: January 13, 1998

Hirotsugu Iwano  
Kaoru Yamamoto

