



12-23-1999



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RECORDATION FORM COVER SHEET - PATENTS ONLY

To the Assistant Commissioner for Patents
Please record the attached document thereof.

1. Name of conveying party(ies):

- (a) Mika Tahara
- (b) Yasuo Osawa
- (c) Yuji Yamamoto

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

2. Name and address of receiving party:

Name: Kabushiki Kaisha
Toshiba
Street
Address: 72, Horikawa-cho
City: Saiwai-ku, Kawasaki-shi
State: Kanagawa-ken JAPAN
Zip Code: _____

Additional name(s) and address(es) attached?

XXX
Yes No
12/17/1999 MSHIFERA 00000080 09358433
03 FC:581 | 40.00 GP |

3. Nature of conveyance:

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

Execution date: (a)-10/20/99;
(b)-10/7/99; (c)-10/21/99;
(d)-10/25/99 and (e)-10/5/99

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): 09/358,433
- (b) Patent No(s): _____
- (c) Additional numbers attached? Yes No

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

Name: Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
Street
Address: 1300 I Street, N.W.
City: Washington
State: D.C. Zip Code: 20005

6. Total number of applications and/or patents involved: 1

7. Total Fee (37 C.F.R. § 3.41):
\$40.00
 Enclosed
 Charge to Deposit Account
No. 06-0916

8. 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.

Richard V. Burgujian
Name of person signing
Registration No. 31,744

[Signature]
Signature

12/15/99
Date

Total number of pages including all attachments? 5

Additional Names of Inventors:

(d) Kenji Arai

(e) Makoto Harada

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

APPARATUS FOR REMOVING FLAMMABLE GAS

for which we executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on July 22, 1999 (Application No. _____); and

WHEREAS, KABUSHIKI KAISHA TOSHIBA, a corporation of Japan, whose post office address is 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed July 22, 1999) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Mika TAHARA
c/o Intellectual Property Division
Toshiba Corporation
1-1-1, Shibaura, Minato-ku, Tokyo, Japan

Citizenship: Japan

Signature: Mika Tahara

Date: Oct. 20, 1999

Second Assignor

Yasuo OSAWA
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Citizenship: Japan

Signature: Yasuo Osawa

Date: Oct 7, 1999

Third Assignor

Yuji YAMAMOTO
c/o Intellectual Property Division
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Citizenship: Japan

Signature: Yuji Yamamoto

Date: Oct. 21, 1999

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Fourth Assignor

Kenji ARAI
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Citizenship: Japan

Signature: Kenji Arai

Date: Oct. 25, 1999

Fifth Assignor

Makoto HARADA
c/o Intellectual Property Division
Toshiba Corporation
1-1-1, Shibaura, Minato-ku, Tokyo, Japan

Citizenship: Japan

Signature: Makoto Harada

Date: Oct 5, 1999