

11-15-2002



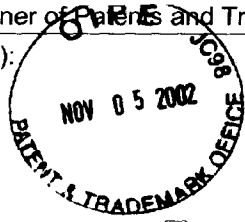
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.



1. Name of conveying party(ies):

Hiroshi MOTONAKA  
Yoshio SHIOZAKI

11-5-02

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

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

Name: Taiyo Kagaku Kabushiki Kaisha

Address: 584, Shima, Gobo-shi

Wakayama-ken, Japan

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_

Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:

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

Execution Date: July 12, 2002

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

10/198,748                                      July 19, 2002

B. Patent No.(s)

Additional numbers  Yes  No

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

Name: Ronald E. Greigg

Registration No. 31,517

Address: 1423 Powhatan Street, Unit One

City: Alexandria                      State/Prov.: VA

Country: U.S.A.                      ZIP: 22314

6. Total number of applications and patents involved: **1**

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

07-2100

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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.

Ronald E. Greigg

Name of Person Signing

Signature

November 5, 2002

Date

**3**

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

11/14/2002 LMUELLER 00000258 072100 10198748

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ASSIGNMENT

Whereas, We, Hiroshi Motonaka and Yoshio Shiozaki

have  
invented certain new and useful improvements in An Exhaust Valve for a Bag

for which we have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by US on July 12, 2002, Application Number 10/198,748, and Filed on July 19, 2002.

And Whereas, Taiyo Kagaku Kabushiki Kaisha, a Japanese company, of 584, Shima, Gobo-shi, Wakayama-ken, Japan

hereinafter called the assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefore.

Accordingly,

For value received, we have assigned, sold and transferred, and do hereby assign, sell and transfer to the said assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries, and in and to said application for LETTERS PATENT of the United States, and in and to all other applications for LETTERS PATENT for said invention in all other countries, and in and to all divisions and continuations of any of said applications, and in and to any LETTERS PATENT of the United States and foreign countries and all reissues and extensions thereof that may be granted, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to US by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the assignee for its own use and behoof, and for the use and behoof of its successors or assigns, to the full end of the respective terms for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by US if this assignment sale had not been made. And we do hereby request and authorize that any and all LETTERS PATENT, when granted, be issued in accordance with this assignment to the assignee.

We covenant and agree with the assignee that we have a full and unincumbered title to the invention hereby assigned, which title we warrant unto the assignee, and we further agree that we will, without demanding any further consideration therefor, at the request but at the expense of the assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, furnishing of information and giving of testimony, that may be or become necessary for obtaining, sustaining, or reissuing United States and foreign LETTERS PATENT for the said invention, and for maintaining and perfecting the assignee's right to said invention and LETTERS PATENT, particularly in cases of interference and litigation.

Executed this 12<sup>th</sup> day of July 2002

(First ~~or~~ Sole) Inventor

Hiroshi Motonaka

Second Inventor

Yoshio Shiozaki