



12/6/01

RECORDED

12-10-2001



Our Ref.: 790-1185

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

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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):
Tadahiko SAIMEN
Nobuhiro FUJII

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:
 Assignment Merger
 Security Assignment Change of Name
 Other _____

Execution Date: _____ October 12, 2001

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

Name: SHARP KABUSHIKI KAISHA
 Internal Address: _____
 Street Address: 22-22, Nagaike-cho, Abeno-ku

City: Osaka
 State/Country: Japan
 Zip: _____

Additional name/s & address/es attached? Yes No

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).
 (1) 29/148,463
 (2) _____
 (3) _____

B. Patent No(s).
 (1) _____
 (2) _____
 (3) _____

Additional numbers attached Yes No

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

Name: _____ Richard G. Besha _____

Internal Address: _____

Street Address: Nixon & Vanderhye P.C.
1100 North Glebe Road
8th Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140**.

DO NOT USE THIS SPACE

9. Statements 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 G. Besha Richard Besha December 4, 2001
 Name of Person Signing Signature Date
 Reg. No. 22,770

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

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ASSIGNMENT FOR PATENT APPLICATION
(U.S. Rights Only)

WHEREAS, Tadahiko SAIMEN and Nobuhiro FUJII (hereinafter ASSIGNORS), of 24-906, Omiya-cho-3, Nara-shi, Nara-ken, JAPAN and 2-10-24, Seiku, Joto-ku, Osaka-shi, Osaka-fu, JAPAN, respectively, have made an invention entitled VACUUM CLEANER for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on September 21, 2001;

WHEREAS, SHARP KABUSHIKI KAISHA (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, JAPAN is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that

ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

01.10.12 _____ Tadahiko Saimen
Date Tadahiko SAIMEN

Witnessed by:

Name: H. Takahashi Date: 01.10.12

Name: [Signature] Date: 01.10.12

01.10.12 _____ Nobuhiko Fujii
Date Nobuhiko FUJII

Witnessed by:

Name: H. Takahashi Date: 01.10.12

Name: [Signature] Date: 01.10.12