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07-26-2005

U.S. Department of Commerce
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PATENT 103048187

Our Ref.: 790-1614

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Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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

1. Name of conveying party(ies):

Daijiroh TOKUNAGA

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

Name: SHARP KABUSHIKI KAISHA

Internal Address:

Street Address: 22-22, Nagaike-cho, Abeno-ku

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

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

Execution Date: June 30, 2005

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) 29/232,202
(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.

901 North Glebe Road

11th Floor

City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) (8021) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency 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

Name of Person Signing

Reg. No. 22,770

Richard Besha

Signature

July 21, 2005

Date

Total number of pages including **original** cover sheet, attachments, and document: [2]

07/22/2005 HRL111 00000105 29232202

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40.00 DP

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PATENT
REEL: 016780 FRAME: 0227

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

WHEREAS, Daijiroh TOKUNAGA, (hereinafter ASSIGNOR) of 2-1-38, Nagaremach, Hiranoku, Osaka-shi, Osaka-fu, Japan, has 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 June 16, 2005 under Serial No. TO BE ASSIGNED;

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 ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S 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 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademark 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 agrees 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; and

ASSIGNOR hereby agrees 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:

30, June 2005
Date

Daijiroh Tokunaga
Daijiroh Tokunaga

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RECORDED: 07/21/2005

PATENT
REEL: 016780 FRAME: 0228