Form PTO-1595 1-31-92 .

RE	11-10-1998	Т	
		Oyu	r Ref.: 790-732
Commissioner of Patents and Trademarks Box Assignment, Washington, D.C. 20231	100875047	11/1.	2/97
To the Honorable Commissioner of Patents and			iereof.
1. Name of conveying party(ies): Taiji TSUJIMOTO Masafumi YAMAGAMI	Name: S Internal A	address of receiving party(ies): SHARP KABUSHIKI KAISHA ddress: dress: 22-22, Nagaike-Cho, Abeno-K	<u> </u>
Additional name/s of conveying party/ies attached	ed? 🗖		
3. Nature of conveyance:	City: Osa	ka, 545	<u> </u>
Assignment Merger		ntry: Japan	[
Security Assignment Change of			
Other			
Execution Date: October 17, 19	97 Additional	l name/s & address/es attached? 🔲 Ye	s 🛛 No
4. Application number(s) or patent number(s):			
If this document is being filed together with a new ap	pplication, the execution date of the app	lication is:	
A. Patent Application No(s).	B. Patent	No(s)	
(1) 29/072,517	(1)		
(2)	(2)		
(3)	(3)		
	itional numbers attached 📋 Ye		
5. Name and address of party to whom correspo	ndence 6. Total num	ber of applications & patents involved:	: 1
concerning document should be mailed:			
			40.00
Name: Richard G. Besha	<u>Encl</u>		
Internal Address:		horized to be charged to deposit accourt	nt #14-1140
	8 The Comm	nissioner is hereby authorized to charge	e 20V
Street Address: Nixon & Vanderhye P.C.		in the fee(s) filed, or asserted to be file	
1100 North Glebe Road		been filed herewith (or with any pap	
8 th Floor		s application by this firm) to our Accou	
City: Arlington State: VA Zip:	22201 14-1140.		
	DO NOT USE THIS SPAC	E	
9. Statements and signature.To the best of my knowledge and belief, the f of the original document.	oregoing information is true and	d correct and any attached copy is a tru	е сору
Richard G. Besha	Lichard R. P	November 19, 19	707
Name of Person Signing	Signature	Date	
Reg. No. 22,770	- Grander -	Date	
Total number of pages including original cover sheet, attachments, and document: [2]			

PATENT REEL: 9566 FRAME: 0711

ASSIGNMENT

WHEREAS, TAIJI TSUJIMOTO and MASAFUMI YAMAGAMI (hereinafter ASSIGNORS) of Osaka-fu, Japan and Nara-ken, Japan, respectively, have invented a certain improvement in 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 19, 1997;

WHEREAS, SHARP KABUSHIKI KAISHA (hereinafter ASSIGNEE), a corporation of Japan, having an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, 545, 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, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, and we hereby authorize and request the Commissioner of Patents and Trademark to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE. its successors, assigns, and legal representatives.

AGREED and executed as noted below:

October 17, 1997 Date

Taiji Svjiacoto

October 17, 1997 Date

Manapum Yamingamin

Witnessed by:

Name: Kemichi Takahashi Name: ______

Date: _____ November _11, 1997

PATENT **REEL: 9566 FRAME: 0712**

RECORDED: 11/13/1997

Date: _____November 11, 1997