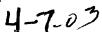
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RECORDATION FORM COVER SHE PATENTS ONLY



To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Kazuhiro TAKAHASHI TOTANKAKO CO., LTD. Name: Masayuki TAKUMA Address: 28-8, Higashitoyonaka-cho 1-chome, Toyonaka-Koji KURODA shi, Osaka 560-0003, Japan Additional name(s) of conveying party(ies) attached? \(\subseteq\) Yes \(\begin{array}{c}\) No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: 02/14/03 Additional name(s) and 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: B. Patent No.(s) A. Patent Application No.(s) 10/311,323 Additional numbers attached?

Yes No 5-Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Tel. (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 DO NOT USE THIS SPACE 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. Marvin J. Spivak Name of Person Signing Signature Corwin P. Umbach, Ph.D. Registration Number: 24,913 Registration No. 40,211 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks Box Assignments** 00000212 10311323 04/09/2003 DBYRNE Washington, D.C. 20231 40.00 DP 01 FC:8021

> PATENT REEL: 013928 FRAME: 0805

Assignment Of Application

WHEREAS, I (WE)
TAKAHASHI Kazuhiro, TAKUMA Masayuki and KURODA Koji
at c/o TOTANKAKO CO., LTD.
1335-22, Saitakami, Saita-cho, Mitoyo-gun, Kagawa 769-0401 Japan
have invented certain new and useful improvements in: CARBON BRUSH FOR
ELECTRIC MACHINERY
for which an application for Letters Patent was executed on
(Application No. 10/3/1, 323 , filed DEC 30 000), and
WHEREAS, TOTANKAKO CO., LTD.
(hereinafter referred to as "ASSIGNEE") having a place of business at:
28-8, Higashitoyonaka-cho 1-chome, Toyonaka-shi, Osaka 560-0003 Japan
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration. I(WE) by these presents do soll assign and transfer unto

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I(WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _	FEB. 1 4, 290 3	Kazalwio Jahahashi
		(Signature of Inventor) TAKAHASHI Kazuhiro
Date: _	FEB. 1 4, 2003	Maraguhi Takuma
		(Signature of Inventor) TAKUMA Masayuki
Date: _	FEB. 1 4 2003	Juje Tunde
		(Signature of Inventor) KURODA Koji

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RECORDED: 04/07/2003

PATENT REEL: 013928 FRAME: 0807