	Q/39/3
OMB No. 0651-0027	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Director of the U.S. Patent and Trac	102477845 al documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Hirokazu INOUE Hidehiko KITAHARA 6.12.03	MITSUBISHI DENKI KABUSHIKI KAISHA
Hidehiko KITAHARA Hideyuki HAYASHI	2-3, Marunouchi 2-chome,
Tomoki TAKAHASHI	Chiyoda-ku, TOKYO 100-8310
	JAPAN
4.10° 1 () 6 (0 = 100 0 = 100 0 = 100
Additional name(s) of conveying party(ies) attached? Yes	1 NO
3. Nature of conveyance:	
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	
☐ Other	
Execution Date: May 27, 2003	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 ap	oplication, the execution date of the application is: May 27, 2003
A. Patent Application No.(s)	B. Patent No.(s)
Unknown (0459507)	Unknown
Additional num	bers attached?
5. Name and address of party to whom correspondence	
concerning document should be mailed:	1
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00
WASHINGTON OFFICE	☑ Enclosed.
1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	☐ Authorized to be charged to Deposit Account No. 19-4880.
	The USPTO is directed and authorized to charge all required
23373	fees, except for the Issue Fee and the Publication Fee, to Deposit
PATENT TRADEMARK OFFICE	Account No. 19-4880. Please also credit any overpayments to said Deposit Account.
\	8. Deposit Account Number:
8/2003 ECDOPER 00000149 10459509	19-4880
C:5021 40.00 UP	(Attach duplicate copy of this page if paying by deposit account)
אַ סע	NOT USE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing	g information is true and correct and any attached copy is a true copy of the
original document.	
A C	June 12, 2003
Richard C. Turner Reg.	No. 29,710 Date
\forall	
	ding cover sheet, attachments, and documents: 2
	ded with required cover sheet information to:
	NMENT RECORDATION SERVICES U.S. Patent and Trademark Office
Director of the	P.O. Box 1450
. Alex	andria, VA 22313-1450

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00), and of deration, the receipt of which is hereby acknowledged, the skazu INOUE, Hidehiko KITAHARA, Hideyuki HAYASH	undersigned,	
hereby sells, assigns and transfers to			
	MITSUBISHI DENKI KABUSHIKI KA of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO		
(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:			
(i)	the application for United States Letters Patent entitled <u>DYNAMOELECTRIC MACHINE</u> AND METHOD FOR MOUNTING A BRUSH ASSEMBLY TO A BRUSH HOLDER		
	which was executed by the undersigned on the dates in or was filed on (hereinafter called the Applied	and accorded Serial No.	
(ii)	any and all inventions and improvements which are descri	ibed in the Application;	
(iii)	any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);		
(iv)	any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and		
(v)	all benefits under the International Convention for the Protection of Industrial Property.		
Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.			
The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.			
Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.			
INVE	NTOR(S):	DATE	
(Hir	okazu INOUE) Gurchayin Chrone	May 27. 2003	
(Hid	ehiko KITAHARA) Tomok Toto house Hideniko Kitahaja	May 1, 27, 2003	
(Hideyuki HAYASHI) Hideyuki Huyashi May. 27. 200		May. 27. 2003	
(_Tor	noki TAKAHASHI) Tomoki Takahashi	May. 27, 2003	

RECORDED: 06/12/2003

PATENT REEL: 014174 FRAME: 0222