02-04-2004



TMENT OF COMMERCE

Form PTO-1595 (modified) RE (Rev. 03/01) 102660729 U.S. Patent and Trademark Office OMB No. 0651-0027 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 5-27-03 2. Name and address of receiving party(ies): Akihiro YAMAMURA MITSUBISHI DENKI KABUSHIKI KAISHA Tetsunao TAKAKI 2-3, Marunouchi 2-chome, Tsuyoshi TAKAHASHI Chiyoda-ku, Akifumi MIYAKE Tokyo 100-8310, JAPAN Akira IZAWA Hiromu NONOGUCHI Kazuo MATSUNAGA Hiroyuki AKITA MAY 2 7 2003 Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: November 8, 2002 Additional name(s) & address(es) attached? Yes 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) B. Patent No.(s) 10/302,867 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: SUGHRUE MION, PLLC 7. Total fee (37 CFR 3.41): \$40.00 2100 Pennsylvania Avenue, N.W. ☑ Enclosed. Suite 800 Authorized to be charged to Deposit Account No. 19-4880. Washington, D.C. 20037-3213 The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) 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. May 27, 2003 Reg. No. 23,063 Darryl Mexic Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 23313-1450

05/30/2003 GTOM11 00000038 10302867 40.00 OP 01 FC:8021

**PATENT** 

REEL: 014957 FRAME: 0546

12	2-02-2002
Form PTO-1595 (modified)  [Rev. 03/01)  OMB No. 0651-0027	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademar Office hed original documents or copy thereof.
To the Honorable Commissioner of Patents and 1r  1. Name of conveying party(ies):  Akihiro YAMAMURA Tetsunao TAKAKI Tsuyoshi TAKAHASHI Akifumi MIYAKE Akira IZAWA Hiromu NONOGUCHI Kazuo MATSUNAGA Hiroyuki AKIRA  Additional name(s) of conveying party(ies) attached?  Yes  3. Nature of conveyance:  Assignment	2. Name and address of receiving party(ies): MITSUBISHI DENKI KABUSHIKI KAISHA 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan
Execution Date: November 8, 2002  4. Application number(s) or patent number(s):  If this document is being filed together with a new a	Additional name(s) & address(es) attached?   Yes   No  Polication, the execution date of the application is: November 8, 2002
A. Patent Application No.(s)	B. Patent No.(s)
Additional num	l nbers attached? □ Yes ☑ No
5. Name and address of party to whom correspondence concerning document should be mailed:  SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213	6. Total number of applications and patents involved:  1 7. Total fee (37 CFR 3.41): \$40.00  Enclosed.  Authorized to be charged to Deposit Account No. 19-4880.  The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.  8. Deposit Account Number:  19-4880  (Attach duplicate copy of this page if paying by deposit account)
:8021 40.00 0P DO 1	NOT USE THIS SPACE
9. Statement and signature.	eg information is true and correct and any attached copy is a true copy of the

11/29/2002 LNUELLER 00000146 10302867

C:8021

> To the best of my knowledge and belie original document.

Darryl Mexic

November 25, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks Box Assignment

Washington, D.C. 20231

**PATENT** REEL: 014957 FRAME: 0547

## ASSIGNMENT

Akihiro YAMAMURA, Tetsunao TAKAKI, Tsuyoshi TAKAHASHI Whereas, I/we Akifumi MIYAKE, Akira IZAWA, Hiromu NONOGUCHI, Kazuo MATSUNAGA and Hiroyuki AKITA, all of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in ROTATING ELECTRIC MACHINE AND METHOD FOR MANUFACTURING THE SAME and executed an application for Letters Patent of the United States of America therefor on

November 8, 2002 and

Whereas.

MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number\_\_\_\_\_, filed\_\_\_\_\_) the filing date and application number of said application when known.

			Akihiro YAMAMURA
Date:	November 2002	8,	5/
Date:	November 2002	8,	si Tetsungo Takafai
Date:	November 2002	8,	st Jeurjoshi Jakahashi
Date:	November 2002	8,	st Okifumi migahl
Date:	November 2002	8,	s/ akira Izawa
Date:	November 2002	8,	s/ Hiromu honoguchi
Date:	November 2002	8,	si_ Hazur Matsunaga
Date:	November 2002	8,	s/ Hiroyupi akita

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 05/27/2003

**PATENT** 

REEL: 014957 FRAME: 0548