| 07-16-20   |  |
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| Form <b>PTO-1595</b><br>(Rev. 10/02)   | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office           |
| OMB No. 0651-0027 (exp. 6/30/2005, 10249760  |  |
| Tab settings → → ▼   | : Please record the attached original documents or copy thereof.       |
| Name of conveying party(ies):  | Name and address of receiving party(ies)                               |
| Gary E. Horst, Richard E. Hartsfield, and Mark E. Carrier  | Name: EMERSON ELECTRIC CO.   |
|  | Internal Address:  |
| Additional name(s) of conveying party(les) attached? Yes No  |  |
| 3. Nature of conveyance:   |  |
| Assignment Merger  | Street Address: 8000 West Florissant Avenue                            |
| Security Agreement Change of Name  | Street Address:  |
| Other  |  |
|  | City: St. Louis State: MO Zip: 63136                                   |
| 07/09/2003<br>Execution Date:  |  |
| -  | Additional name(s) & address(es) attached? Yes V No                    |
| Application number(s) or patent number(s):  If this document is being filed together with a new condi- |  |
| If this document is being filed together with a new appli<br>A. Patent Application No.(s) 10/229,506   | lication, the execution date of the application is:                    |
| A. Patent Application No.(s) 10/220,000  | B. Patent No.(s)   |
| Additional numbers of  | ttached? Yes V. No   |
| Additional numbers att  5. Name and address of party to whom correspondence                            | ttached? Yes No  6. Total number of applications and patents involved: |
| concerning document should be mailed:  | 40.00  |
| Name: Robert J. McAughan, Jr.  | 7. Total fee (37 CFR 3.41)\$40.00                                      |
| Internal Address:  | Enclosed   |
| Howrey Simon Arnold & White LLP  | Authorized to be charged to deposit account                            |
|  | 8. Deposit account number:   |
| Street Address: 750 Bering Drive   |  |
|  | 01-2508/10800.0041.NPUS00  |
| City: Houston State: TX 7in: \$7057  | S E  |
| City: Houston State: TX Zip: 77057   |  |
| 40.00 TA DO NOT USE THIS SPACE   |  |
| 9. Signature.  | 23<br>23   |
| -  | 1 7/1  |
| Sean McDermott Reg. No. 49,000   | 1/10/03_   |
| Name of Person Signing   | Signature  |
| Total number of pages including cove   | er sheet, attachments, and documents:                                  |

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

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Washington, D.C. 20231

PATENT REEL: 014260 FRAME: 0008

## <u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to EMERSON ELECTRIC CO. (the "Assignee"), having a place of business at 8000 West Florissant, St. Louis, MO 63136, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/229,506 which has been filed on August 28, 2002 and is entitled "Permanent Magnet Machine", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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| and extend to the successors, assigns and nominees of the Assignee.   |
|---|
| Signature: Date: 7/9 03 Name: GarylE. Horst   |
| STATE OF Missouri ) ss.   |
| COUNTY OF <u>St. Louis</u> ) ss.  |
| BEFORE ME, the undersigned authority, on this 1 day of 1 long, 2003, personally appeared Gary E. Horst, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.                     |
| DONNA D. HOPSON Notary Public - Notary Seal STATE OF MISSOURI St. Charles County My Commission Expires: June 27, 2004   |
| TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.  |
| Signature: Richard E. Hartsfield, Jr. Date: 9-July-2003 Name: Richard E. Hartsfield, Jr.  |
| STATE OF Missouri )   |
| COUNTY OF <u>St danie</u> ) ss.   |
| BEFORE ME, the undersigned authority, on this 2 <sup>th</sup> day of July, 2003, personally appeared Richard E. Hartsfield, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. |
| DONNA D. HOPSON  Notary or Consular Officer   |
| [SEAL] Notary Public - Notary Seal STATE OF MISSOURI St. Charles County My Commission Expires: June 27, 2004  |

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PATENT REEL: 014260 FRAME: 0010 TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Mark E. Carrier

Date: 7/9/03

Name: Mark E. Carrier

STATE OF Missouri ) ss. COUNTY OF Me Lauis )

BEFORE ME, the undersigned authority, on this given day of help the person whose rame is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Aonn S. Hopson Notary or Consular Officer

SEAL

DONNA D. HOPSON
Notary Public - Notary Seal
STATE OF MISSOURI
St. Charles County

My Commission Expires: June 27, 2004

RECORDED: 07/14/2003

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PATENT REEL: 014260 FRAME: 0011