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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Daisuke YAMADA, Keiichi YAMAMOTO, Masanori SUGIYAMA, Hiroyuki MATSUBARA and Chiaki HONMA  
  
Additional name(s) of conveying party(ies) attached?  
 yes  no

2. Name and address of receiving party(ies)?  
Aisin Seiki Kabushiki Kaisha  
1, Asahi-machi 2-chome  
Kariya-shi, Aichi-ken, JAPAN  
  
AUG 24 1999

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Names  
 Other

Additional name(s) & address(es) attached?  
 yes  no

Execution Date: August 16, 1999

4. Application number(s) or patent number(s): Attorney Docket Q-54846  
If this document is being filed together with a new application, the execution date of the application is:  
A Patent Application No.(s)  
09/339,231  
B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:  
1

7. Total Fee (37 CFR 3.41): \$40  
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
 Authorized to be charged to Deposit Account

8. Deposit Account No.  
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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.  
  
Robert V. Sloan Reg. No. 22,775 August 24, 1999  
Date

**TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2**

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Mail documents to be recorded with required cover sheet information to:  
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Box Assignments  
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06/31/1999 DNGUYEN 00000149 09339231  
01 FC:581 40.00 OP

# Assignment

Whereas, I/We Daisuki YAMADA, Keiichi YAMAMOTO, Masanori SUGIYAMA, of  
Hiroyuki MATSUBARA and Chiaki HONMA

all of Aichi-ken, JAPAN

, hereinafter called assignor(s), have invented certain improvements in

**ENERGIZATION CONTROLLER FOR A PHASE COIL OF AN ELECTRIC MOTOR**

and executed an application for Letters Patent of the United States of America therefor on

August 16, 1999 ; and

Whereas, Aisin Seiki Kabushiki Kaisha

1, Asahi-machi 2-chome

Kariya-shi, Aichi-ken, JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States and foreign 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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/ 339,231, filed June 24, 1999) the filing date and application number of said application when known.

Date: Aug. 16, 1999 s/ Daisuke Yamada  
Daisuke YAMADA

Date: Aug. 16, 1999 s/ Keiichi Yamamoto  
Keiichi YAMAMOTO

Date: Aug. 16, 1999 s/ Masanori Sugiyama  
Masanori SUGIYAMA

Date: Aug. 16, 1999 s/ Hiroyuki Matsubara  
Hiroyuki MATSUBARA

Date: Aug. 16, 1999 s/ Chiaki Honma  
Chiaki HONMA

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