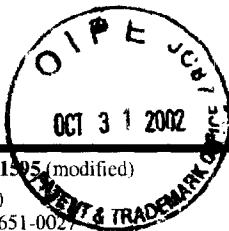


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Form PTO-1285 (modified)  
(Rev. 03/01)  
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RECORDATION FORM COVER SHEET  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Masafumi SAKUMA  
Tomohiro FUKUSHIMA

2. Name and address of receiving party(ies):

AISIN SEIKI KABUSHIKI KAISHA  
1. Asahi Machi 2-chome  
Kariya-shi, Aichi-ken  
JAPAN

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: **October 16, 2002**

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 application, the execution date of the application is:

A. Patent Application No.(s)  
**10/091,528**

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, 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.

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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

October 31, 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  
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## Assignment

Whereas, We, **Masafumi SAKUMA** and **Tomohiro FUKUSHIMA**, hereinafter called assignors, have invented certain improvements in

### SYNCHRONOUS RELUCTANCE MOTOR

and executed an application for Letters Patent of the United States of America therefor on October 16, 2002; 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 patents to be obtained therefor;

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

We, the above named assignors, 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 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 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.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/091,528 and Confirmation number 8346, filed March 7, 2002) the filing date and application number of said application when known.

Date: October 16, 2002 Masafumi Sakuma  
s/Masafumi SAKUMA

Date: October 16, 2002 Tomohiro Fukushima  
s/Tomohiro FUKUSHIMA

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