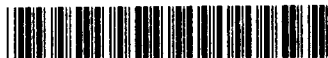


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101019220

Name of conveying party(ies):

Yasuaki Uchida  
Yasushi Sugahara  
Tsugio Ozaki  
Yoshihiko Harada

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

ASMO CO., LTD.  
390 Umeda, Kosai-City  
Shizuoka-pref., 431-0493 Japan

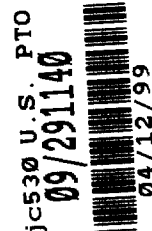
Additional names/addresses attached?  Yes  No

Additional name(s) attached?  Yes  No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: 02/24/99; 2/24/99; 2/24/99 and 2/24/99 respectively



09/291,140

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: 02/24/99; 2/24/99; 2/24/99 and 2/24/99 respectively

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached?  Yes  No

5. Name/address of party to whom correspondence concerning document should be mailed:

Scott C. Harris, Reg. No. 32,030  
Fish & Richardson P.C.  
4225 Executive Square, Suite 1400  
La Jolla, CA 92037

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

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Scott C. Harris, Reg. No. 32,030

Name of Person Signing

*[Signature]*

Signature

4/12/99

Date

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

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*[Signature]*  
*[Signature]*

PATENT

REEL: 9898 FRAME: 0311

MAD 4-12-99

ASSIGNMENT

For valuable consideration, we

Yasuaki UCHIDA of ASMO CO., LTD.

Yasushi SUGAHARA of ASMO CO., LTD.

Tsugio OZAKI of ASMO CO., LTD., and

Yoshihiko HARADA of ASMO CO., LTD.

hereby assign to ASMO CO., LTD.,

a corporation (company type), organized under the laws of Japan,

having a place of business at 390 Umeda, Kosai-city, Shizuoka-pref., 431-0493 <sup>Japan</sup>, and its successors

and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the

world in the inventions and improvements which are subject of an application for United States Patent signed

by us this day, entitled ELECTRICAL NOISE SUPPRESSOR  
FOR DIRECT CURRENT MOTOR,

filed \_\_\_\_\_,

assigned U.S. Serial Number \_\_\_\_\_,

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: Feb. 24, 1999

Yasuaki Uchida  
Yasuaki UCHIDA

DATE: Feb 22 1999

Yasushi Sugahara  
Yasushi SUGAHARA

DATE: Feb. 24, 1999

Tsugio Ozaki  
Tsugio OZAKI

DATE: Feb 24, 1999

Yoshihiko Harada  
Yoshihiko HARADA