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U.S. DEPARTMENT OF COMMERCE  
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Attorney Docket No. 112388

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. A. Name of conveying parties:  
(1) Kazuhiro ANDOH  
(2) Yasuyuki WAKAHARA  
(3) Masashiro KATOH  
(4) Shinji USAMI  
(5) Tetsunori INOGUCHI

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. A. Name and address of receiving party:  
DENSO CORPORATION  
1-1, SHOWA-CHO, KARIYA-CITY,  
AICHI-PREF., 448-8661, JAPAN

03/25/02

3. A. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: (1-4) March 11, 2002  
(5) March 19, 2002

- B. Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. A. If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
(1-4) March 11, 2002 (5) March 19, 2002

B. Patent Application No.(s) \_\_\_\_\_

C. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, VA 22320**

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 129134)

8. Credit any overpayment or charge any underpayment to  
deposit account number 15-0461.

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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.*

James A. Oliff, Registration No. 27,075  
Joel S. Armstrong, Registration No. 36,430

Date: March 25, 2002

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

1017 U.S. PTO  
10/103730  
03/25/02

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Kazuhiro ANDOH (5) Tetsunori INOUCHI

(2) Yasuyuki WAKAHARA (6) \_\_\_\_\_

(3) Masahiro KATO (7) \_\_\_\_\_

(4) Shinji USAMI (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) DENSO CORPORATION

(10) Insert Address of Assignee (10) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) ELECTROMAGNETIC SWITCH FOR STARTER

(Attorney Docket No. JAO 112388)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application (12) on (1-4) March 11, 2002 (5) March 19, 2002

(13) Alternative Identification for filed applications (13) U.S. application Serial Number \_\_\_\_\_  
filed March 25, 2002

1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>March 11, 2002</u>	Name of Inventor <u>Kazuhiro Andoh</u> (SEAL) Kazuhiro ANDOH
Date <u>March 11, 2002</u>	Name of Inventor <u>Yasuyuki Wakahara</u> (SEAL) Yasuyuki WAKAHARA
Date <u>March 11, 2002</u>	Name of Inventor <u>Masahiro Kato</u> (SEAL) Masahiro KATO
Date <u>March 11, 2002</u>	Name of Inventor <u>Shinji Usami</u> (SEAL) Shinji USAMI
Date <u>March 19, 2002</u>	Name of Inventor <u>Tetsunori Inoguchi</u> (SEAL) Tetsunori INOUCHI

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>March 11, 2002</u>	Witness <u>Toshiyuki Sakai</u>
Date <u>March 19, 2002</u>	Witness <u>Iwai Makino</u>