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Attorney Docket No. 120263

Please record the attached original document or copy thereof.

1. A. Name of conveying parties:

1. Ken IWATSUKI
2. Takeshi KITAHATA

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

☐ Yes ☒ No

2. A. Name and address of receiving parties:

AISIN AW CO., LTD.  
10, TAKANE, FUJII-CHO,  
ANJO-SHI, AICHI-KEN, 444-1192, JAPAN

KABUSHIKI KAISHA TOSHIBA  
1-1, SHIBAURA 1-CHOME,  
MINATO-KU, TOKYO, 105-8001, JAPAN

16834 U.S. PTO  
10/959129



3. A. Nature of conveyance:

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

B. Execution Date: 1) September 23, 2004 & 2)  
September 27, 2004

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

☐ Yes ☒ No

10/7/04

4. ☒ This document is being filed together with a new application.

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

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

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: ELECTRIC DISCHARGE CONTROLLER, ELECTRIC DISCHARGE METHOD AND ITS PROGRAM

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. 159385)

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  
James A. Oliff Registration No. 27,075  
Robert A. Miller Registration No. 32,771

Date: October 7, 2004

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

PATENT  
REEL: 015874 FRAME: 0972

# **ASSIGNMENT (Two Assignees)**

(1-8)	Insert Name(s) of Inventor(s)	(1) <u>Ken IWATSUKI</u>	(4) _____
		(2) <u>Takashi KITAHATA</u>	(5) _____
		(3) _____	(6) _____

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

(9A)	Insert Name of First Assignee	(9A)	<u>AISIN AW CO., LTD.</u>
(10A)	Insert Address of First Assignee	(10A)	<u>10, Takane, Fujii-cho, Anjo-shi, Aichi-ken, 444-1192, Japan</u>
(9B)	Insert Name of Second Assignee	(9B)	<u>KABUSHIKI KAISHA TOSHIBA</u>
(10B)	Insert Address of Second Assignee	(10B)	<u>1-1, Shibaura 1-cho, Minato-ku, Tokyo, 105-8001, Japan</u>

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal representatives, 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 divisions, continuations, substitutes, and reissues, 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)	<u>ELECTRIC DISCHARGE CONTROLLER, ELECTRIC DISCHARGE METHOD AND ITS PROGRAM</u>
		Attorney Docket No.	<u>120263</u>

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 _____
(13)	Alternative Identification for filed applications	(13)	U.S. Application Serial Number _____ filed _____

- 1) Each undersigned agrees to execute all papers necessary in connection with the 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) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees 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) Each undersigned agrees 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 Assignees.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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>September 23, 2004</u>	Inventor Signature	<u>Ken Iwatsuki</u>	(SEAL)
Date	<u>September 27, 2004</u>	Inventor Signature	<u>Takashi Kitahata</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

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	_____	Witness	_____
Date	_____	Witness	_____