

09-07-2000



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

101451944

.. BOX ASSIGNMENTS

1. Name of conveying party: **MDD**
(1) Mitsuaki MORIMOTO **8-24-00**
(2) Yasuhiro TAMAI
(3) Yoshinori IKUTA
(4) Takashi GOHARA

Additional name of conveying party attached? ☐ Yes ☒ No

2. Name and address of receiving party:

Name: **YAZAKI CORPORATION**

Internal Address:

Street Address: **1-4-28, Mita, Minato-ku
Tokyo, Japan**

City:

State:

Zip Code:

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: (1) - (4) August 4, 2000

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: **August 4, 2000**

A. Patent Application Number:

B. Patent Number:

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Mr. Ernest F. Chapman**

Internal Address: **FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.**

Street Address: **1300 I Street, N.W.**

City: **Washington**

State: **DC** Zip: **20005-3315**

6. Total number of applications and registrations involved:
1

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

Enclosed (Please charge deficiency to deposit account)
☐

Authorized to be charged to deposit account

Deposit account number: **06-0916**

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.

David W. Hill

Signature

August 24, 2000

Date

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

U.S. PTO
09/644681
08/24/00

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09/01/2000
02 FC 881
00008024 09644681
40.00 DP

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: CURRENT SENSOR AND ELECTRIC CIRCUIT USING THE SAME

for which I/WE executed an application for United States Letters Patent concurrently herewith or on August 4, 2000 or filed an application for United States Letters Patent on _____, 19____ (Serial No. _____); and

WHEREAS, YAZAKI CORPORATION
a corporation of JAPAN, whose post office
address is 1-4-28, Mita, Minato-ku, Tokyo, Japan
(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature	: Date
<u>Mitsuaki MORIMOTO</u>	<u>August 4, 2000</u>
Address c/o YAZAKI CORPORATION	: Citizenship
<u>1500, Mishuku, Susono-shi, Shizuoka-ken, Japan</u>	<u>Japan</u>
2. Full Name of Second Assignor : Assignor's Signature	: Date
<u>Yasuhiro TAMAI</u>	<u>August 4, 2000</u>
Address c/o YAZAKI CORPORATION	: Citizenship
<u>1500, Mishuku, Susono-shi, Shizuoka-ken, Japan</u>	<u>Japan</u>
3. Full Name of Third Assignor : Assignor's Signature	: Date
<u>Yoshinori IKUTA</u>	<u>August 4, 2000</u>
Address c/o YAZAKI CORPORATION	: Citizenship
<u>1500, Mishuku, Susono-shi, Shizuoka-ken, Japan</u>	<u>Japan</u>

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. · WASHINGTON, D.C.

4. Full Name of Fourth Assignor	: Assignor's Signature	: Date
Takashi GOHARA	: <i>Takashi Gohara</i>	August 4, 2000
Address c/o YAZAKI CORPORATION		: Citizenship
1500, Mishuku, Susono-shi, Shizuoka-ken, Japan		: Japan
5. Full Name of Fifth Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
6. Full Name of Sixth Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
7. Full Name of Seventh Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
8. Full Name of Eighth Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
9. Full Name of Ninth Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
10. Full Name of Tenth Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
11. Full Name of Eleventh Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		:
12. Full Name of Twelfth Assignor	: Assignor's Signature	: Date
:		:
Address		: Citizenship
:		: