

02-25-1999

FORM PTO-1595
(Rev. 6-93)



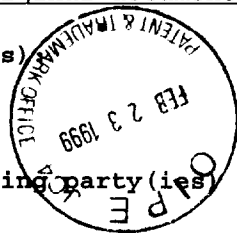
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Atty. Docket No. 06753.0183

To the Assistant Commissioner for Patents:

Please record the attached original documents or copy thereof. **ATTN. BOX ASSIGNMENTS**

1. Name of conveying party(ies)
Yoichi ARAI
Kenichi SHIMOYAMA
Toshifumi MAEMOTO
Additional names(s) of conveying party(ies) attached? Yes No



2. Name and address of receiving party(ies):
Name: YAZAKI CORPORATION
Internal Address: _____

3. Nature of conveyance: 2-23-79
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 1-4-28, Mita, Minato-ku, Tokyo, 108-0073 Japan
City: _____
State: _____ ZIP: _____

Execution Date: January 18, 1999

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 Nos.
09/199,420

B. Patent No. (s)

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.

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

Street Address: _____
1300 I Street, N.W.
City: Washington, D.C.
State: _____ ZIP: 20005

8. Deposit account number: 06-0916

02/24/1999 DNGUYEN 00000189 09199420
01 FC:581 40.00 OP

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
Name of Person Signing

David W. Hill
Signature

February 23, 1999
Date

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

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:

BATTERY CONTROL SYSTEM FOR ELECTRIC AUTOMOBILES

for which I/WE executed an application for United States Letters Patent concurrently herewith or on January 18, 1999 or filed an application for United States Letters Patent on November 25, 1998 (Serial No. 09/199,420); 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 : Yoichi ARAI	Assignor's Signature : <i>Yoichi Arai</i>	Date : January 18, 1999
Address c/o YAZAKI CORPORATION 1500, Mishuku, Susono-shi, Shizuoka-ken, Japan		Citizenship : Japan
2. Full Name of Second Assignor Kenichi SHIMOYAMA	Assignor's Signature : <i>Kenichi Shimoyama</i>	Date : January 18, 1999
Address c/o YAZAKI CORPORATION 1500, Mishuku, Susono-shi, Shizuoka-ken, Japan		Citizenship : Japan
3. Full Name of Third Assignor Toshifumi MAEMOTO	Assignor's Signature : <i>Toshifumi Maemoto</i>	Date : January 18, 1999
Address c/o MAZDA MOTOR CORPORATION 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima-ken, Japan		Citizenship : Japan

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