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1. Name of conveying party(ies):
Masaru KURIBAYASHI
Yoshihito ASAO

Additional name(s) of conveying party(ies) attached? Yes No

1-29-03

2. Name and address of receiving party(ies):
MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku,
TOKYO 100-8310 JAPAN

Additional name(s) & address(es) attached? Yes No

11135 U.S. PTO
10/352875
01/29/03

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 16, 2003

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: January 16, 2003
A. Patent Application No.(s) 10352875

B. Patent No.(s)
Not Yet Assigned
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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PATENT
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Masaru KURIBAYASHI and Yoshihito ASAO

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA
of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled AUTOMOTIVE ELECTRIC POWER SUPPLY APPARATUS which was executed by the undersigned on the dates indicated below or was filed on _____ and accorded Serial No. _____ (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

DATE

(Masaru KURIBAYASHI) Masaru Kuribayashi
(Yoshihito ASAO) Yoshihito Asao

Jan. 16, 2003
January 16, 2003