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Execution Date: August 27, 2003, September 1, 2003 and
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4. Application number(s) or patent number(s): 10 475017

If this document is being filed together with a new application, the execution date of the application is: August 27, 2003,
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ASSIGNMENT

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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 ALTERNATOR
which was executed by the undersigned on _____
or was filed on April 12, 2002 and accorded Serial No. PCT/JP02/03692 (hereinafter called the Application);
- (ii) any and all inventions and improvements which are described in the Application;
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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.

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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

(Hirokazu INOUE) Hirokazu Inoue
(Tomoki TAKAHASHI) Tomoki Takahashi
(Hideyuki HAYASHI) Hideyuki Hayashi

Aug 27, 2003
SEP. 1, 2003
Aug 27, 2003