To the Honorable Commissioner
original documents or copy thereof.

1. Name of conveying party(ies):
   Takefumi Sawada
   Satoru Kaneko
   Ryoso Masari
   Mitsuyuki Kombu
   Hiroshi Katayama

   Additional name(s) of conveying party(ies) attached? ___ yes ___ no

2. Name and address of receiving party(ies)
   Name: Hitachi, Ltd.
   Internal Address: 6, Kanda Surugadai
   4-chome, Chiyoda-ku
   Tokyo 101-8010, Japan

   Street Address: ___
   City State Zip ___

   Additional name(s) & address(es) attached? ___ yes ___ no

3. Nature of Conveyance:
   ___ Assignment ___ Merger ___ Security Agreement ___ Change of Name ___ Other:
   Execution Date: January 8, 2001 and March 8, 2001 Respectively

4. Application number(s) or patent number(s):
   09/925700

   If this document is being filed together with a new application, the execution date of
   the application is: August 10, 2001

   A. Patent Application No.(s) ___ Pending ___
      Additional numbers attached? ___ Yes ___ No

   B. Patent No(s).

5. Name and address of party to whom correspondence concerning document
   should be mailed:
   Crowell & Moring, L.L.P.
   1200 G Street, N.W., Suite 700
   Washington, D.C. 20005

6. Total number of applications and patents involved: ___

7. Total Fee (37 CFR 3.41): ___
   X Enclosed. Please charge any underpayment in connection with this
   Assignment to Deposit Account No. 05-1323
   Authorized to be charged to Deposit Account ___

8. Deposit Account No.
   (Attach dupl. copy of this page if paying by Deposit Account)

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.

   Name: James P. McKeown Reg. 25,406
   August 10, 2001
   Date

   TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: ___

   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.

   Name: James P. McKeown Reg. 25,406
   August 10, 2001
   Date

   TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: ___

   DO NOT WRITE IN THIS SPACE

   Do not detach this portion

   Mail documents to be recorded with required cover sheet information to:
   Commissioner of Patents and Trademarks
   Box Assignments
   Washington, D.C. 20231

   08/16/2001
   09925700
   09926235
   08/17/2001
   09925700
   09925700
   08/17/2001

   PATENT
   REEL: 012071 FRAME: 0277
ASSIGNMENT
（譲渡証）

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar ($1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 5, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

MOTOR CONTROL APPARATUS AND ELECTRIC VEHICLE USING SAME

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
（発明者フルネームサイン）

1) Takefumi Sawada
   Date Signed 1/8/2001

2) Satoru Kaneko
   Date Signed 3/8/2001

3) Ryoko Masaki
   Date Signed 3/8/2001

4) Mitsuyuki Hombu
   Date Signed 1/8/2001

5) Hiroshi Katayama
   Date Signed 1/8/2001

6) 

7) 

8) 

9) 

10) 

RECORDED: 08/10/2001

PATENT
REEL: 012071 FRAME: 0278