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

1. Name of conveying party(ies):

Kazuhiko SATO

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

2. Name and address of receiving party:

Name: Hitachi, Ltd.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo 101-8010, Japan

Hitachi Car Engineering Co., Ltd.
2477, Takaba, Hitachinaka-shi
Ibaraki 312-0062, Japan

3. Nature of Conveyance:

X Assignment ___ Merger
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___ Other:

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Execution Date: March 18, 1999

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: March 18, 1999

A. Patent Application No.(s)

B. Patent No(s).

09/287136

Additional numbers attached? ___ Yes ___ X No

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

Evenson, McKeown, Edwards
& Lenahan, P.L.L.C.
1200 G Street, N.W., Suite 700
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

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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 F. McKeown Reg. No. 25,406

April 7, 1999

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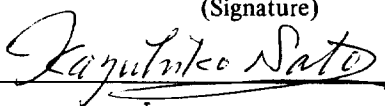
For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi, Ltd. & Hitachi Car Engineering Co., Ltd.
6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan &
of 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062, Japan
 its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

CONTROL APPARATUS OF AUTOMATIC TRANSMISSION FOR
 VEHICLE AND CONTROL METHOD OF AUTOMATIC TRANSMISSION
 FOR VEHICLE


invented by me (if only one is named below) or us (if plural inventors are named below) and described in the applica-
 executed by us even date herewith
 tion for United States Letters Patent therefor, ~~Serial No. xxxxxxxxxxxxxxxxxx~~ ~~File No. xxxxxxxxxxxxxxxxxx~~, 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. & Hitachi Car Engineering Co., 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. & Hitachi Car Engineering Co., Ltd.

- | | (Full Name) | (Signature) |
|---|-------------|--|
| 1) Date <u>March 18, 1999</u> Inventor <u>Kazuhiko Sato</u> | |  |
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| Post Office Address <u>1908-2, Hata-cho, Hitachioota-shi, Ibaraki 313-0025,</u> | | |
| | | <u>Japan</u> |
| 2) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |
| 3) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |
| 4) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |
| 5) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |

Witness(es)

- All)  2) _____ 4) _____
 1) Mari Yamagata 3) _____ 5) _____

PATENT

RECORDED: 04/07/1999

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