

FORM PTO-1595 (modified)

01-19-2001

U.S. DEPARTMENT OF COMMERCE

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Hideaki HORIE  
Toyoaki NAKAGAWA  
Mikio KAWAI  
Yuji TANJO  
Takaaki ABE  
Ken IWAI



2. Name and address of receiving party(ies):

NISSAN MOTOR CO., LTD.  
No. 2, Takara-cho, Kanagawa-ku  
Yokohama City, Kanagawa, Japan

Additional conveying party(ies) NO

3. Nature of conveyance:

TO CORRECT FIRST AND FIFTH INVENTORS' NAMES ON PREVIOUSLY RECORDED ASSIGNMENT; REEL 009978, FRAME 0635

Execution Date:  
April 26, 1999

Additional name(s) & address(es) attached? NO

4. Application number(s) or patent number(s):

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

A. Patent Application Number(s):

09/311,630

B. Patent Number(s):

Additional numbers attached? NO

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

Richard L. Schwaab  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Check Enclosed

Charge to deposit account

8. Deposit account number: 19-0741

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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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

for Richard L. Schwaab

Pavan Agarwal  
*[Signature]*

1/12/01

Name of person signing  
01/19/2001 DNGUYEN 00000003 09311630

Signature

Date

01 FC:581

40.00 OP

Total number of pages including cover sheet, attachments, and document: 5

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and  
address of  
assignee

NISSAN MOTOR CO., LTD.  
No.2, Takara-cho, Kanagawa-ku, Yokohama city, Kanagawa, JAPAN

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of  
invention

BATTERY INACTIVATION DETECTION DEVICE

as set forth in his United States Patent Application

check one

executed concurrently herewith

executed on \_\_\_\_\_

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

### NAMES AND SIGNATURES OF INVENTORS

Name: Hideaki HORIE	Signature: <i>Hideaki Horie</i>	Date: 4/26/1999
Name: Toyooki NAKAGAWA	Signature: <i>Toyooki Nakagawa</i>	Date: 4/26/1999
Name: Mikio KAWAI	Signature: <i>Mikio Kawai</i>	Date: 4/26/1999
Name: Yuji TANJO	Signature: <i>Yuji Tanjo</i>	Date: 4/26/1999

M.K.  
4/26/99

### NAMES AND SIGNATURES OF WITNESSES

Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee

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No.2, Takara-cho, Kanagawa-ku, Yokohama city, Kanagawa, JAPAN

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title of invention

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Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Takaaki ABE	Signature: <i>Takaaki Abe</i>	Date: 4/26/1999
Name: Ken IWAI	Signature: <i>Ken Iwai</i>	Date: 4/26/1999
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.



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JULY 29, 1999

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\*101049479A\*

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: **Horie, Hideaki**  
~~ABE, TAKAAKI~~

DOC DATE: 04/26/1999

ASSIGNOR:  
NAKAGAWA, TOYOAKI

DOC DATE: 04/26/1999

ASSIGNOR:  
KAWAI, MIKIO

DOC DATE: 04/26/1999

ASSIGNOR:  
TANJO, YUJI

DOC DATE: 04/26/1999

ASSIGNOR:  
ABE, ~~TAKAJI~~  
TAKAAKI

DOC DATE: 04/26/1999

ASSIGNOR:  
IWAI, KEN

DOC DATE: 04/26/1999

PATENT  
REEL: 011431 FRAME: 0224

ASSIGNEE:

NISSAN MOTOR CO., LTD.  
NO. 2, TAKARA-CHO, KANAGAWA-KU,  
KANAGAWA  
YOKOHAMA CITY, JAPAN

SERIAL NUMBER: 09311630  
PATENT NUMBER:

FILING DATE: 05/14/1999  
ISSUE DATE:

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