



3-13-07

03-16-2007



Attorney Docket No.: 056205.58721US

103384207

To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s): (1) Satoru KANEKO (2) Shiho IZUMI (3) Tatsuyuki YAMAMOTO (4) Kenta KATSUHAMA (5) Shigeru AKAISHI (6) Yasuo MATSUNAGA (7) Hidehiko SUGITA Execution Date(s) (1) 02/16/2007, (2) 02/21/2007, (3) 02/16/2007, (4) 02/16/2007, (5) 02/16/2007, (6) 02/19/2007, and (7) 02/19/2007 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Hitachi Motor Co., Ltd. Street Address: 6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo Japan And Name: Nissan Motor Co., Ltd. Street Address: 2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa Japan Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other ____			
4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <p style="text-align: center;">11/657,032</p> B. Patent Registration No.(s) Additional number(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Crowell & Moring LLP Street Address: Intellectual Property Group PO Box 14300 Washington, DC 20044-4300 Phone Number: 202-624-2500 Fax Number: 202-628-8844		6. Total number of applications and patents involved <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input checked="" type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers <u>1007</u> Expiration Date <u>10/10</u> b. Deposit Account Number <u>05-1323</u> Authorized User Name <u>23911</u>	
9. Signature: <div style="display: flex; justify-content: space-between;"> <div> Signature Stephen W. Palan, Reg. No. 43,420 Name of Person Signing </div> <div> March 13, 2007 Date Total number of pages including cover sheet, attachments, and documents: <u>3</u> </div> </div>			

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(48.00 07)

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.,
and NISSAN MOTOR CO., LTD.
corporations organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,
and 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan.
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
and NISSAN MOTOR CO., LTD.
their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

CONTROLLER FOR AN ELECTRIC FOUR-WHEEL-DRIVE VEHICLE

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.,
and NISSAN MOTOR CO., LTD.
their 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., and NISSAN MOTOR CO., LTD.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Satoru Kaneko</u> Satoru KANEKO	<u>2/16/2007</u>
2) <u>Shiho Izumi</u> Shiho IZUMI	<u>2/21/2007</u>
3) <u>Tatsuyuki Yamamoto</u> Tatsuyuki YAMAMOTO	<u>2/16/2007</u>
4) <u>Kenta Katsuhama</u> Kenta KATSUHAMA	<u>2/16/2007</u>
5) <u>Shigeru Akaishi</u> Shigeru AKAISHI	<u>2/16/2007</u>
6) _____ Yasuo MATSUNAGA	_____
7) _____ Hidehiko SUGITA	_____
8) _____	_____
9) _____	_____
10) _____	_____

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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., and NISSAN MOTOR CO., LTD. their 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;

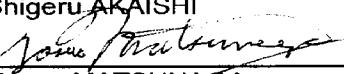
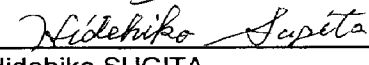
And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue 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., and NISSAN MOTOR CO., LTD.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

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- 2) _____
Shiho IZUMI
- 3) _____
Tatsuyuki YAMAMOTO
- 4) _____
Kenta KATSUHAMA
- 5) _____
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- 6)  _____
Yasuo MATSUNAGA
- 7)  _____
Hidehiko SUGITA
- 8) _____
- 9) _____
- 10) _____

2/19/2007

2/19/2007
