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U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No. 500.47255X00

To the Honorable Commissioner of Patent

original documents or copy thereof.

1. Name of conveying party(ies):

Kazuaki TOBARI
Kentaro OHI
Yoshitaka IWAJI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/ Execution Date: **January 24, 2007;**
January 24, 2007 and January 24, 2007.

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: 1. **Hitachi, Ltd.**
2. **Hitachi Car Engineering Co. Ltd.**

1. **6-6, Marunouchi 1-chome**
Chiyoda-ku, Tokyo, Japan

2. **2477, Takaba, Hitachinaka-shi,**
Ibaraki-ken, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s)

11/679,271

☐ This document is being filed together with a new application.

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

1300 NORTH 17TH STREET - SUITE 1800

City: **ARLINGTON** State: **VA** Zip **22209**

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6. Total number of applications and patents involved **11**

7. Total fee (37 CFR 3.41)..... **\$40.00**

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 numbers: 11073
Expiration date: 06/10

b. Deposit account number: 01-2135

Authorized User Name: William I. Solomon

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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.

Melvin Kraus, Reg#22,466

Name of Person Signing

Signature

03/02/2007

Date

Total number of pages including cover sheet, attachments, and document: **2**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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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 a citizen of Japan by HITACHI, LTD., and Hitachi Car Engineering Co., Ltd., corporations organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, and 2477, Takaba, Hitachinaka-shi, Ibaraki-ken, Japan, respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., and Hitachi Car Engineering Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

VECTOR CONTROL APPARATUS FOR PERMANENT MAGNET MOTOR

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 Hitachi Car Engineering 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 Hitachi Car Engineering Co., Ltd.

Signed on the date(s) indicated aside signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	<u>Kazuaki Tobari</u> Kazuaki TOBARI	<u>1/24/2007</u>
2)	<u>Kentaro Ohi</u> Kentaro OHI	<u>1/24/2007</u>
3)	<u>Yoshitaka Inaji</u> Yoshitaka INAJI	<u>1/29/2007</u>
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

PATENT

RECORDED: 03/02/2007

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