

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Koichiro NAGATA</td> <td>11/29/2006</td> </tr> <tr> <td>Toshiaki OKUYAMA</td> <td>11/29/2006</td> </tr> <tr> <td>Kouki YAMAMOTO</td> <td>11/29/2006</td> </tr> <tr> <td>Hiroyuki TOMITA</td> <td>12/04/2006</td> </tr> </tbody> </table>		Name	Execution Date	Koichiro NAGATA	11/29/2006	Toshiaki OKUYAMA	11/29/2006	Kouki YAMAMOTO	11/29/2006	Hiroyuki TOMITA	12/04/2006
Name	Execution Date										
Koichiro NAGATA	11/29/2006										
Toshiaki OKUYAMA	11/29/2006										
Kouki YAMAMOTO	11/29/2006										
Hiroyuki TOMITA	12/04/2006										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Hitachi Industrial Equipment Systems Co. Ltd.										
<b>Street Address:</b>	3, Kanda Neribei-cho										
<b>City:</b>	Chiyoda-ku, Tokyo										
<b>State/Country:</b>	JAPAN										
<b>Postal Code:</b>	101-0022										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11626941</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11626941						
Property Type	Number										
Application Number:	11626941										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(703)312-6666										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	703-312-6600										
<b>Email:</b>	amathis@antonelli.com										
<b>Correspondent Name:</b>	Antonelli, Terry, Stout & Kraus										
<b>Address Line 1:</b>	1300 North 17th Street										
<b>Address Line 2:</b>	Suite 1800										
<b>Address Line 4:</b>	Arlington, VIRGINIA 22209										
<b>ATTORNEY DOCKET NUMBER:</b>	501.46971X00										
<b>NAME OF SUBMITTER:</b>	Paul J. Skwierawski										

**OP \$40.00 11626941**

Total Attachments: 2

source=46971x00pto1595#page1.tif

source=46971x00asgn#page1.tif

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Attorney Docket No. 501.46971X00

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

1. Name of conveying party(ies):  
NAGATA, .TSUTOMU  
Toshiaki OKUYAMA, YAMAMOTO, KOUKI, TOMITA, HIROYUKI  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: **HITACHI INDUSTRIAL EQUIPMENT  
SYSTEMS CO.**  
  
Street Address: **3, Kanda Neribei-cho  
Chiyoda-ku, Tokyo 101-0022, Japan**

City: State: Zip:

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

3. Nature of conveyance/ Execution Date: **November 29, 2006,  
November 29, 2006, November 29, 2006, December 4,  
2006.**  
  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other .

4. Application number(s) or patent number(s):  
  
A. Patent Application No.(s)  
  
**11/626,941**

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 17<sup>TH</sup> STREET – SUITE 1800**  
  
City: **ARLINGTON** State: **VA** Zip **22209**  
  
**Phone Number: (703) 312-6600**  
**Facsimile Number: (703) 312-6666**  
**Email Address: email@antonelli.com**

6. Total number of applications and patents involved **1**  
  
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: 1040  
Expiration date:06/10  
  
b. Deposit account number: 01-2135  
  
Authorized User Name: Donald E. Stout

DO NOT USE THIS SPACE

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.*

**Paul J. Skwierawski, Reg#32,173**  
\_\_\_\_\_  
Name of Person Signing

**/Paul J. Skwierawski/**  
\_\_\_\_\_  
Signature

**04/13/2007**  
\_\_\_\_\_  
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:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**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 Industrial Equipment Systems Co., Ltd., a corporation organized under the laws of Japan, located at 3, Kanda Neribeicho, Chiyoda-ku, Tokyo, 101-0022 Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Industrial Equipment Systems Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

**DRIVER FOR INDUCTION MOTOR AND METHOD OF DRIVING THE 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 Industrial Equipment Systems 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 Industrial Equipment Systems 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>          Koichiro Nagata          </u> Koichiro NAGATA	<u>          11/29/2006          </u>
2) <u>          Toshiaki Okuyama          </u> Toshiaki OKUYAMA	<u>          11/29/2006          </u>
3) <u>          Kouki Yamamoto          </u> Kouki YAMAMOTO	<u>          11/29/2006          </u>
4) <u>          Hiroyuki Tomita          </u> Hiroyuki TOMITA	<u>          12/4/2006          </u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____