

# 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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daigo Kuraishi</td> <td>11/24/2009</td> </tr> <tr> <td>Yoshi Ishizuka</td> <td>11/24/2009</td> </tr> <tr> <td>Akira Shimizu</td> <td>11/24/2009</td> </tr> <tr> <td>Tomoharu Sekine</td> <td>11/24/2009</td> </tr> <tr> <td>Yutaka Nishimiya</td> <td>11/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Daigo Kuraishi	11/24/2009	Yoshi Ishizuka	11/24/2009	Akira Shimizu	11/24/2009	Tomoharu Sekine	11/24/2009	Yutaka Nishimiya	11/24/2009
Name	Execution Date												
Daigo Kuraishi	11/24/2009												
Yoshi Ishizuka	11/24/2009												
Akira Shimizu	11/24/2009												
Tomoharu Sekine	11/24/2009												
Yutaka Nishimiya	11/24/2009												
<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>SANYO DENKI CO., LTD.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>15-1, Kitaotsuka 1-chome</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Toshima-ku</td> </tr> <tr> <td><b>City:</b></td> <td>Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> </table>		<b>Name:</b>	SANYO DENKI CO., LTD.	<b>Street Address:</b>	15-1, Kitaotsuka 1-chome	<b>Internal Address:</b>	Toshima-ku	<b>City:</b>	Tokyo	<b>State/Country:</b>	JAPAN		
<b>Name:</b>	SANYO DENKI CO., LTD.												
<b>Street Address:</b>	15-1, Kitaotsuka 1-chome												
<b>Internal Address:</b>	Toshima-ku												
<b>City:</b>	Tokyo												
<b>State/Country:</b>	JAPAN												
<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><b>Application Number:</b></td> <td>29348169</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	29348169								
Property Type	Number												
<b>Application Number:</b>	29348169												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (216)566-9711</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2165669700</p> <p>Email: almasy@rankinhill.com</p> <p>Correspondent Name: Rankin Hill and Clark LLP</p> <p>Address Line 1: 38210 Glenn Avenue</p> <p>Address Line 4: Willoughby, OHIO 44094</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	NIS-19651												
<b>NAME OF SUBMITTER:</b>	David E. Spaw												

CH \$40.00 29348169

**501077290**

**PATENT**  
**REEL: 023856 FRAME: 0755**

Total Attachments: 3  
source=19651#page1.tif  
source=19651#page2.tif  
source=19651#page3.tif

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

MOTOR WITH ENCODER

that are the subject of an application for a U.S. Patent, (Application No. 29/348169, filed 12/04/2009), which application is further identified as Rankin, Hill & Clark LLP Docket No. NIS-19651.

WHEREAS, SANYO DENKI CO., LTD., a corporation of Japan, and having a place of business at 15-1, Kitaotsuka 1-chome, Toshima-ku, Tokyo, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Daigo KURAISHI

Signature: Daigo Kuraishi

Today's Date : 24 November 2009

Witness: Kazuhito Yamaura

Witness: Satoru Onodera

(2) Inventor Name (joint): Yoshi ISHIZUKA

Signature: Yoshi Ishizuka

Today's Date : 24 November 2009

Witness: Kazuhito Yamaura

Witness: Satoru Onodera

(3) Inventor Name (joint): Akira SHIMIZU

Signature: Akira Shimizu

Today's Date : 24 November 2009

Witness: Kazuhito Yamaura

Witness: Satoru Onodera

(4) Inventor Name (joint): Tomoharu SEKINE

Signature: Tomoharu Sekine

Today's Date : 24 November 2009

Witness: Kazuhito Yamaura

Witness: Satoru Onodera

(5) Inventor Name (joint): Yutaka NISHIMIYA  
Signature: Yutaka Nishimiya  
Today's Date : 24 November 2009

Witness: Kazuhito Yamaura  
Witness: Satoru Onodera