

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ryousuke Ariyoshi</td> <td>01/06/2012</td> </tr> <tr> <td>Yukio Inaguma</td> <td>12/26/2011</td> </tr> <tr> <td>Kenji Horiguchi</td> <td>12/26/2011</td> </tr> <tr> <td>Hideki Kinoshita</td> <td>12/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ryousuke Ariyoshi	01/06/2012	Yukio Inaguma	12/26/2011	Kenji Horiguchi	12/26/2011	Hideki Kinoshita	12/27/2011
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<table border="1"> <tr> <td>Name:</td> <td>TOYOTA SHATAI KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>100, Kanayama, Ichiriyama-cho, Kariya-shi</td> </tr> <tr> <td>City:</td> <td>Aichi-ken</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	TOYOTA SHATAI KABUSHIKI KAISHA	Street Address:	100, Kanayama, Ichiriyama-cho, Kariya-shi	City:	Aichi-ken	State/Country:	JAPAN		
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CORRESPONDENCE DATA											
<p>Fax Number: 6123499266 Phone: 612-349-3001 Email: erickson@ptslaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Douglas J. Christensen Address Line 1: 4800 IDS Center Address Line 2: 80 South Eighth Street Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	2418.140WOUS										
NAME OF SUBMITTER:	Julie A. Erickson										
Total Attachments: 2 source=2418_140WOUS_Assign#page1.tif source=2418_140WOUS_Assign#page2.tif											

OP \$40.00 13386007

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventor(s), Ryousuke ARIYOSHI, Yukio INAGUMA, Kenji Horiguchi and Hideki KINOSHITA of c/o TOYOTA SHATAI KABUSHIKI KAISHA, 100, Kanayama, Ichiriyama-cho, Kariya-shi, Aichi-ken, JAPAN, (hereinafter referred to as "the Assignor(s)") has/have invented certain new and useful improvements in ROTATION DEVICE AND WIND-UP DEVICE HAVING THE ROTATION DEVICE, and have executed an International Application (No. PCT/JP2010/059617) filed June 7, 2010 for these inventions; and

WHEREAS, TOYOTA SHATAI KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of Japan, and having a principal place of business at 100, Kanayama, Ichiriyama-cho, Kariya-shi, Aichi-ken, JAPAN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest of the Assignor(s) in and to said improvements, the entire right, title and interest of the Assignor(s) in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has/have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor(s) in and to the above-mentioned improvements, the entire right, title and interest of the Assignor(s) in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor(s) is/are the sole and lawful owner(s) of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant(s) to and agree(s) with the Assignee, its successors, legal representatives, and assigns that the Assignor(s) will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Patents, or any reissue or extension of any Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance,

enforcement, and defense of Patents for said improvements, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns;

AND Assignor(s) hereby authorize(s) the Assignee, its successors and assigns, or anyone it may properly designate, to insert below the filing date and serial number of said patent application, when said filing date and serial number become available:

US Patent Application Serial No. 13/386,007 Filing Date June 7, 2010 _;

AND the Assignor(s) hereby request(s) the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: January 6, 2012 Name of Assignor Ryousuke Ariyoshi
Ryousuke ARIYOSHI

Date: December 26, 2011 Name of Assignor Yukio Inaguma
Yukio INAGUMA

Date: December 26, 2011 Name of Assignor Kenji Horiguchi
Kenji HORIGUCHI

Date: December 27, 2011 Name of Assignor Hideki Kinoshita
Hideki KINOSHITA