

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>Yuji SASAKI</td> <td>12/12/2012</td> </tr> <tr> <td>Hideki IWAH</td> <td>12/12/2012</td> </tr> <tr> <td>Yasumasa SAKURAI</td> <td>12/12/2012</td> </tr> <tr> <td>Kimihiro ONISHI</td> <td>12/12/2012</td> </tr> <tr> <td>Yoshio WAKAZONO</td> <td>12/12/2012</td> </tr> <tr> <td>Yoshiji YAMAMOTO</td> <td>12/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yuji SASAKI	12/12/2012	Hideki IWAH	12/12/2012	Yasumasa SAKURAI	12/12/2012	Kimihiro ONISHI	12/12/2012	Yoshio WAKAZONO	12/12/2012	Yoshiji YAMAMOTO	12/12/2012
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<table border="1"> <tr> <td>Name:</td> <td>JTEKT Corporation</td> </tr> <tr> <td>Street Address:</td> <td>5-8, Minamisemba, 3-Chome, Chuo-ku</td> </tr> <tr> <td>City:</td> <td>Osaka-shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>542-8502</td> </tr> </table>		Name:	JTEKT Corporation	Street Address:	5-8, Minamisemba, 3-Chome, Chuo-ku	City:	Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	542-8502				
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13809937</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13809937										
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CORRESPONDENCE DATA															
<p>Fax Number: 7034132220</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000</p> <p>Email: asomaiel@oblon.com</p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>															
ATTORNEY DOCKET NUMBER:	409660US71PCT														
NAME OF SUBMITTER:	Adel Samuel														
<p>Total Attachments: 2</p> <p>source=409660USAssignment#page1.tif</p> <p>source=409660USAssignment#page2.tif</p>															

OP \$40.00 13809937

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Yuji SASAKI of c/o JTEKT Corporation, 5-8, Minamisemba 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan,
Hideki IWAI of c/o JTEKT Corporation, 5-8, Minamisemba 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan
Yasumasa SAKURAI of c/o JTEKT Corporation, 5-8, Minamisemba 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan,
Kimihiro ONISHI of c/o JTEKT Corporation, 5-8, Minamisemba 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan
Yoshio WAKAZOANO of c/o JTEKT Corporation, 5-8, Minamisemba 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan, and
Yoshiji YAMAMOTO of c/o JTEKT Corporation, 5-8, Minamisemba 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan
_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: THERMAL DISPLACEMENT CORRECTION DEVICE
AND THERMAL DISPLACEMENT CORRECTION METHOD

(Application No. PCT/JP2012/062560, filed May 16, 2012), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, JTEKT Corporation
(hereinafter referred to as "ASSIGNEE") having a place of business at: 5-8, Minamisemba, 3-Chome, Chuo-ku,
Osaka-shi, Osaka 542-8502 Japan is desirous of acquiring the entire right, title and interest in and to said invention and
in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any
and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer
unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial
possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which
may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in
and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the
assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,
its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and
entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date: December 12, 2012

Yuji Sasaki

(Signature of Inventor) Yuji SASAKI

Date: December 12, 2012

Hideki Iwai

(Signature of Inventor) Hideki Iwai

Date: December 12, 2012

Yasumasa Sakurai

(Signature of Inventor) Yasumasa SAKURAI

Date: December 12, 2012

Kimihiro Onishi

(Signature of Inventor) Kimihiro ONISHI

Date: December 12, 2012

Yoshio Wakazono

(Signature of Inventor) Yoshio WAKAZONO

Date: December 12, 2012

Yoshiji Yamamoto

(Signature of Inventor) Yoshiji YAMAMOTO

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW

1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

12/04

RECORDED: 01/16/2013

PATENT
REEL: 029638 FRAME: 0113