#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Kenta TANIGUCHI	07/22/2013
Akira KODAMA	08/01/2013
Tomoaki KATO	07/31/2013
Masaki MITA	07/31/2013

#### **RECEIVING PARTY DATA**

Name:	JTEKT Corporation
Street Address:	5-8, Minamisemba 3-chome, Chuo-ku
City:	Osaka-shi, Osaka
State/Country:	JAPAN
Postal Code:	542-8502

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13959040

#### **CORRESPONDENCE DATA**

**Fax Number**: 7034132220

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Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	419945US71
NAME OF SUBMITTER:	Alva Worden
Signature:	/Alva Worden/
	PATENT

REEL: 030943 FRAME: 0088

Date:	08/05/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=419945USASSIGN#page1.tif source=419945USASSIGN#page2.tif source=419945USASSIGN#page3.tif source=419945USASSIGN#page4.tif	

Invention	CONTROL UNIT FOR FOUR-WHEEL-DRIVE VEHICLE
As the below named i	inventor, I hereby declare that:
This declaration 🛛	The attached application, or
	United States application or PCT international application number filed on
The above-identified	application was made or authorized to be made by me.
I believe that I am the	e original inventor or an original joint inventor of a claimed invention in the application.
Osaka-shi, Osaka 542 and in and to any Let in any and all foreign	to as "ASSIGNEE") having places of business at: 5-8, Minamisemba 3-chome, Chuo-ku, 2-8502 Japan, is desirous of acquiring the entire right, title and interest in and to said invention tters Patent that may be granted therefore in the United States and its territorial possessions and countries;
acknowledged, and f said ASSIGNEE, the and in all foreign cou other relevant Interna- interest in and to an	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto a full and exclusive right to the said invention in the United States and its territorial possessions untries (including the right to claim priority under the terms of the International Convention and ational Treaties and Arrangements from the aforesaid application) and the entire right, title and y and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, ewals thereof.
any and all foreign of assignee of my entire (his) successors and	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the eright, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
respecting said invo- continuation, substitu- all of said Letters P possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, ute, renewal and reissue applications, execute all necessary assignment papers to cause any and eatent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said and ed States and its territorial possessions and in any and all foreign countries.
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	
Inventor: Kenta TA	
Signature: <u>Xen</u> t	a Zanigchi

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Invention	CONTROL UNIT FOR FOUR-WHEEL-DRIVE VEHICLE	
As the below name	As the below named inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	
	United States application or PCT international application number	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referre Osaka-shi, Osaka 5 and in and to any I	WHEREAS, JTEKT CORPORATION  (hereinafter referred to as "ASSIGNEE") having places 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;	
acknowledged, and said ASSIGNEE, t and in all foreign c other relevant Inter interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto he full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and rnational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.	
any and all foreign assignee of my ent (his) successors ar	ize and request the Patent Office Officials in the United States and its territorial possessions and an countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the life right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its ad assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.	
respecting said in continuation, substall of said Letters possible to aid sai	e that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me evention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything d ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.	
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.	
LEGAL NAME O	·	
	KODAMA Date: Aug, 1, 2013	
Signature:	akira Kodama	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
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Invention	CONTROL UNIT FOR FOUR-WHEEL-DRIVE VEHICLE	
As the below name	ned inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number filed on	
The above-identifie	fied application was made or authorized to be made by me.	
I believe that I am	n the original inventor or an original joint inventor of a claimed invention in the a	pplication.
(hereinafter referre Osaka-shi, Osaka S	TEKT CORPORATION rred to as "ASSIGNEE") having places of business at: <u>5-8, Minamisemba 3</u> a 542-8502 Japan, is desirous of acquiring the entire right, title and interest in any Letters Patent that may be granted therefore in the United States and its territorizeign countries;	d to said invention
acknowledged, and said ASSIGNEE, t and in all foreign o other relevant Inter interest in and to a	EFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt and for other good and valuable consideration, I, by these presents do sell, assign, the full and exclusive right to the said invention in the United States and its tend countries (including the right to claim priority under the terms of the Internation ternational Treaties and Arrangements from the aforesaid application) and the end any and all Letters Patent which may be granted therefor in the United States in any and all foreign countries and in and to any and all divisions, reissurfacewals thereof.	n and transfer unto ritorial possessions all Convention and atire right, title and and its territorial
I 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 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 had this Assignment and sale not been made.		
respecting said in continuation, subst all of said Letters possible to aid sai	ree that I will communicate to said ASSIGNEE or its (his) representatives any invention, and testify in any legal proceeding, sign all lawful papers, execute the paper and reissue applications, execute all necessary assignment papers. Patent to be issued to said ASSIGNEE, make all rightful oaths, and, gener and ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper United States and its territorial possessions and in any and all foreign countries.	cute all divisional, is to cause any and ally do everything
	owledge that any willful false statement made in this declaration is punishable uncomment of not more than five (5) years, or both.	der 18 U.S.C. 1001
LEGAL NAME O	OF INVENTOR	
Inventor: Tomoa	oaki KATO Date: July 3	1, 20/3
Signature:	Tongla Tato	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Title of CONTROL UNIT FOR FOUR-WHEEL-DRIVE VEHICLE Invention
As the below named inventor, I hereby declare that:
This declaration  The attached application, or
is directed to: United States application or PCT international application number
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, JTEKT CORPORATION  (hereinafter referred to as "ASSIGNEE") having places 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, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 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 had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Masaki MITA Date: July 31, 20/3
Signature: Magalli Mita

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1940 DUKE STREET
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PATENT REEL: 030943 FRAME: 0093

**RECORDED: 08/05/2013**