PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tomomitsu TERAKAWA	09/13/2012
Yasuhiro HOSOI	09/14/2012
Yuichiro KITAMURA	09/17/2012
Yoshihide SUZUKI	09/17/2012
Katsunori UEDA	09/18/2012
Shigeyuki YOSHIDA	09/19/2012
Shunichi HIRAO	09/21/2012

RECEIVING PARTY DATA

Name:	AISIN SEIKI KABUSHIKI KAISHA
Street Address:	1, Asahi-machi 2-chome
Internal Address:	Kariya-shi
City:	Aichi-ken
State/Country:	JAPAN
Postal Code:	448-8650

Name:	MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA
Street Address:	33-8, Shiba, 5-chome
Internal Address:	Minato-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13628932	

CORRESPONDENCE DATA

Fax Number: 7038362021

PATENT REEL: 029039 FRAME: 0193

502077272

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-836-6620

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Correspondent Name: BUCHANAN, INGERSOLL & ROONEY PC

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Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER: 1033228-000310

NAME OF SUBMITTER: Matthew L. Schneider

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the directed to:	e below	named	inventors,	I hereby	declare	that	this	Combined	Declaration	and	Assignment	İŝ
	(1) [S. applicati	on numbe	or or PCT	appl	icatio	on number	filed	on	, entitled	t

the attached application entitled <u>CONTROL DEVICE FOR HYBRID VEHICLE</u>.

DECLARATION

As one of the below named inventors, I further declare that:

(2)

The above-identified application was made or authorized to be made by me.

I believe that I am an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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.

ASSIGNMENT

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States, which is a nonprovisional application;

WHEREAS, AISIN SEIKI KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 1, Asahi-machi, 2-chome, Kariya-shi, Aichi-ken, 448-8650 Japan, and MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 33-8, Shiba, 5-chome, Minato-ku Tokyo (hereinafter referred to as "the Assignees"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries 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 Letters Patent or Patents, and all rights under the International Convention for

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the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors 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 Assignors hereby covenant and agree to and with the Assignees, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application clalming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful and and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, its successors, legal representatives, and assigns, but at the cost and expense of the Assignees, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignees, its successors, legal representatives, and assigns.

September 13, 2012	Tomomitsu TERAKAWA	Tomomitsu Jerakewa
Date	Name	Signature
September 14, 2012	Yasuhiro HOSOI	Yasuhiro Hosoi
Date	Name	Signature
September/7, 2012	Yuichiro KITAMURA	Yvichiro Kijamura
Date	Name	Signature
September 17. 2012	Yoshihide SUZUKI	Yoshihide Suzuki Signature
Date	Name	Signature
	Katsunori UEDA	
Date	Name	Signature
	Shigeyuki YOSHIDA	
Date	Name	Signature

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Shunichi HIRAO		4	
 Name	Signature		

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COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the below	w pam	ed inventors, I hereby deciare that this Combined Declaration and Assignment is
(1)		U.S. application number or PCT application number filed on, entitled; or
(2)		the attached application entitled <u>CONTROL DEVICE FOR HYBRID VEHICLE</u> .

DECLARATION

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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.

ASSIGNMENT

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States, which is a nonprovisional application;

WHEREAS, AISIN SEIKI KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 1. Asahl-machi, 2-chome, Kariya-shi, Aichiken, 448-8650 Japan, and MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of JAPAN and having a principal place of business at 33-6, Shiba, 5-chome, Minato-ku Tokyo (hereinafter referred to as "the Assignees"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Lettere Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Aesignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transferred, and set over, unto the Assigness, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priorily to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries 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 releasues and extensions of said Letters Patent or Patents, and all rights under the International Convention for

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the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assigness, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors 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 Assignors hereby covenant and agree to and with the Assignees, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for eald inventions in any country, including interference proceedings, is lawful and desirable, or that any application oldiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any relissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful on the said that the said the said that the said th and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, its successors, legal representatives, and assigns, but at the cost and expense of the Assignees, its successors, legal representatives, and assigns;

AND the Assignore hereby request the Commissioner of Patents to Issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the cole use and behoof of the Assignees, its successors, legal representatives, and assigns.

	Tomomiliau TERAKAWA	
Date	Name	Signature
	Yasuhiro HOSOI	
Date	Name	Signature
,	Yulchiro KITAMURA	
Date	Name	Signature
	Yoshihidə SUZUKI	
Date	Name	Signature
September 18, 2012	Kalsunori UEDA	Katalmori Cleda
Date	Name	Signature
September 19.2012	Shigeyuki YOSHIDA	Shineyuli Yoshida
Date	Name	Signature Signature

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() 1 21 21	Shunichi HIRAQ	C) 1. 11.	
Soptember 21, 2012		Shunichi Hirao	_
Date	Name	Signature	-

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PATENT REEL: 029039 FRAME: 0200

RECORDED: 09/27/2012