505566146 07/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5612943

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUU YAGUCHI	06/11/2019
TAKAHIRO NAGAOKA	06/11/2019
YASUMASA NARITA	06/11/2019

RECEIVING PARTY DATA

Name:	GKN DRIVELINE JAPAN LTD.
Street Address:	2388 OHMIYA-MACHI, TOCHIGI-SHI
City:	TOCHIGI
State/Country:	JAPAN
Postal Code:	328-8502

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16508420

CORRESPONDENCE DATA

Fax Number: (313)528-6923

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: docket@b2iplaw.com

BEJIN BIENEMAN PLC GKN DRIVELINE **Correspondent Name:**

Address Line 1: 2000 TOWN CENTER

Address Line 2: SUITE 800

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	66980-0001
NAME OF SUBMITTER:	CHARLES A. BIENEMAN
SIGNATURE:	/Charles A. Bieneman/
DATE SIGNED:	07/11/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=66980 0001 Assignment and Declaration signed ALL INVENTORS#page1.tif source=66980 0001 Assignment and Declaration signed ALL INVENTORS#page2.tif

source=66980_0001_Assignment_and_Declaration_signed_ALL_INVENTORS#page3.tif

Attorney Docket Number	66980-0001

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Inventi	on	CONTROL SYSTEM FOR ALL-WHEEL DRIVE VEHICLE
This declaration is	s directe	d to:
	The attached application, or United States application or PCT international application number filed on	
The above-identif	ied appl	ication was made or authorized to be made by me.
I hereby state tha including the claim		reviewed and understand the contents of the specification in the above-identified application,
I believe that I am	the orig	ginal inventor or an original joint inventor of a claimed invention in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto GKN Driveline Japan Ltd., organized under and pursuant to the laws of Japan having its principal place of business at 2388. Omiya-machi. Tochigi-shi. Tochigi 328-8502 Japan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/508,420 , Filing Date July 11, 2019), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.		
including applications, and	tions for I to perf	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers, Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives occure thereto the rights herein sold, assigned and set over.
And I hereby repr	esent ar	d warrant that I have not granted any rights inconsistent with the rights granted herein.
		t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.
LEGAL NAME (**************************************
	uu YAC	OUCHI Date: Chare, 11, 2017
Signature:		lu Jogacki
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form, for each additional inventor.

Attorney Docket Number 66980-0001		
	Attorney Docket Number	66980-0001

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I hereby state that including the claim		reviewed and understand the contents of the specification in the above-identified application,
I believe that I am	the orig	ginal inventor or an original joint inventor of a claimed invention in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
GKN Driveline James 2388, Omiya-mad assigns or other led discoveries in the representatives to entities and interg I hereby authorize application to July 11, 2019 legal representativing any and all confiling date hereof,	apan Ltochi, Toc egal repr above-i make ap overnme e the AS receive ves, all r untries, continu	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto L, organized under and pursuant to the laws of Japan having its principal place of business at higi-shi, Tochigi, 328-8502 Japan, hereinafter referred to as the ASSIGNEE, its successors, essentatives, the entire right, title and interest, domestic and foreign, in and to the inventions and dentified invention including the right of the ASSIGNEE, its successors, assigns or other legal epilications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and SIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the Letters Patent herein: Serial No. 16/508,420 , Filing Date), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other lights of priority, including any provisional applications, in and to the inventions and discoveries entities and intergovernmental organizations including all applications claiming benefit of the lations, continuations-in-part, divisionals, reexaminations and reissue applications. 1
including applicat organizations, and	tions for I to perf	Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental orm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives occure thereto the rights herein sold, assigned and set over.
And I hereby repr	esent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
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 O		ENTOR NAGAOKA Date: June 11. 2019
Inventor: T	akahiro	NAGAOKA Date: June 11. 26/9
Signature:	Jeka	hiro hagaoko
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.

Please direct all correspondence to: 119907

Attorney Docket Number	66980-0001

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continuation-in-pa	art appli	lisclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for cations, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.
GKN Driveline Ja 2388, Omiya-mad	apan Lto chi, Toc	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto i organized under and pursuant to the laws of <u>Japan</u> having its principal place of business at <u>higi-shi</u> , <u>Tochigi</u> , <u>328-8502 Japan</u> , hereinafter referred to as the ASSIGNEE, its successors,
discoveries in the representatives to entities and intergrate l hereby authorize application to July 11, 2015	above-ionake apovernments the ASI receive	esentatives, the entire right, title and interest, domestic and foreign, in and to the inventions and dentified invention including the right of the ASSIGNEE, its successors, assigns or other legal plications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and SIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the Letters Patent herein: Serial No. 16/508,420 , Filing Date), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other
in any and all cou	intries, e	ights of priority, including any provisional applications, in and to the inventions and discoveries entities and intergovernmental organizations including all applications claiming benefit of the ations, continuations-in-part, divisionals, reexaminations and reissue applications.
including applicat organizations, and	ions for I to perfo	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers, Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental orm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cure thereto the rights herein sold, assigned and set over.
And I hereby repre	esent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	of not me	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.
LEGAL NAME C	F INVE	INTOR SUIT OF ICE
Inventor: Y	1	NARITA Date: JUNE [2019
Signature:	Sfl	gang / Th
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. form for each additional inventor.