

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6152428

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OMID GHASEMALIZADEH	04/20/2020
ALBERT WU	06/08/2020
ZHONGKUI WANG	05/31/2019
RECEIVING PARTY DATA	
Name:	NIO USA, INC.
Street Address:	3200 NORTH FIRST STREET
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16050637
CORRESPONDENCE DATA	
Fax Number:	(303)863-0223
<i>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.</i>	
Phone:	303-863-9700
Email:	aduarte@sheridanross.com
Correspondent Name:	SHERIDAN ROSS P.C.
Address Line 1:	1560 BROADWAY
Address Line 2:	SUITE 1200
Address Line 4:	DENVER, COLORADO 80202
ATTORNEY DOCKET NUMBER:	8322-448
NAME OF SUBMITTER:	DOUGLAS W. SWARTZ
SIGNATURE:	/Douglas W. Swartz/
DATE SIGNED:	06/13/2020
Total Attachments: 7	
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Worldwide Assignment

WHEREAS, I/We, **Omid Ghassemalizadeh** of 1720 Cedar Lake Court, San Jose, California 95131, and **Albert Wu** of 3401 Iron Point Drive #351, San Jose, California 95134, have invented a certain new and useful invention entitled "**VEHICLE CONTROL SYSTEM USING NONLINEAR DYNAMIC MODEL STATES AND STEERING OFFSET ESTIMATION**" (hereinafter "Invention") for which an application for Letters Patent of the United States has been prepared and filed on July 31, 2018, receiving Serial No. 16/050,637, and further identified as Attorney File No. 8322-448 (hereinafter "Application"); and

WHEREAS, **NIO USA, Inc.** ("ASSIGNEE"), a corporation duly registered in the State of California, whose postal address is 3200 North First Street, San Jose, California 95134, desires to acquire the entire right, title, and interest in and to the Invention, the United States, international, and foreign applications filed or to be filed directed to the Invention and any Letters Patents to be granted for the Invention in the United States and in all foreign countries;

NOW, THEREFORE, be it known that for and in consideration of certain good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the Invention for all territories in the world and any improvements and modifications thereto, the Application, all applications claiming benefit of the Application, including, but not limited to, all divisional, continuation, and continuation-in-part applications, and reissue and reexaminations thereof; all Letters Patent, Invention Registrations, Utility Models, Extension and other patent rights, that may be granted thereon in the United States or any other country; together with the right to claim priority under the International Convention in all member countries (collectively "Related Applications"); and all causes of action arising therefrom including the right to enforce and sue for past, present, and future infringements and to collect all proceeds thereof (including, but not limited to, all license royalties). I/We authorize and request the United States Patent and Trademark Office or foreign equivalent to issue all Letters Patent or similar legal protection for the Invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

For, and in consideration of, the certain good and valuable consideration, I/we do further sell, assign, transfer, and set over to ASSIGNEE, the right to claim priority to the Application for all Related Applications, including without limitation all applications pursuant to the Patent Cooperation Treaty and national and regional applications filed therefrom, all applications for the territory of the United States of America, and all continuation, divisional, continuation-in-part and reissue applications thereof, and all patent applications in foreign countries and the right to be granted a patent for any of the foregoing applications;

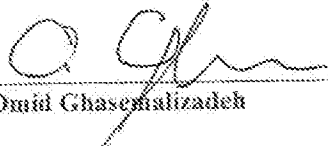
AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the Invention in the United States and in all foreign countries, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

This Assignment may be executed in counterparts, and said counterparts being deemed as original Assignment documents collectively.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 4/20/2020

By: 
Omid Ghaseinalizadeh

Date: _____

By: _____
Albert Wu

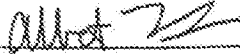
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IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: _____

By: _____
Omid Ghasemalizadeh

Date: 6/8/2020

By: 
Albert Wu

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ASSIGNEE:

NIO USA, INC.

Date: 06.10.2020

By: _____

Signature

Paula Kutansky-Brown

Printed Name

General Counsel

Title

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Worldwide Assignment

WHEREAS, I, **Zhongkui Wang** of 310 Elan Village Lane, Apt. 335, San Jose, California 95134, have invented certain new and useful inventions ("Inventions") described in whole or part in the United States Provisional and Non-Provisional Applications identified in Exhibit "A" (hereinafter "Applications"); and

WHEREAS, **NIO USA, Inc.** ("ASSIGNEE"), a corporation duly registered in the State of California, whose postal address is 3200 North First Street, San Jose, California 95134, desires to acquire the entire right, title, and interest in and to the Inventions, the United States, international, and foreign applications filed or to be filed directed to the Inventions and any Letters Patents to be granted for the Inventions in the United States and in all foreign countries;

NOW, THEREFORE, be it known that for and in consideration of certain good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the Inventions for all territories in the world and any improvements and modifications thereto, the Applications, all applications claiming benefit of the Applications, including, but not limited to, all non-provisional, divisional, continuation, and continuation-in-part applications, and reissue and reexaminations thereof; all Letters Patent, Invention Registrations, Utility Models, Extension and other patent rights, that may be granted thereon in the United States or any other country; together with the right to claim priority under the International Convention in all member countries (collectively "Related Applications"); and all causes of action arising therefrom including the right to enforce and sue for past, present, and future infringements and to collect all proceeds thereof (including, but not limited to, all license royalties). I authorize and request the United States Patent and Trademark Office or foreign equivalent to issue all Letters Patent or similar legal protection for the Inventions to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

For, and in consideration of, the certain good and valuable consideration, I do further sell, assign, transfer, and set over to ASSIGNEE, the right to claim priority to the Applications for all Related Applications, including without limitation all applications pursuant to the Patent Cooperation Treaty and national and regional applications filed therefrom, all applications for the territory of the United States of America, and all continuation, divisional, continuation-in-part and reissue applications thereof, and all patent applications in foreign countries and the right to be granted a patent for any of the foregoing applications;

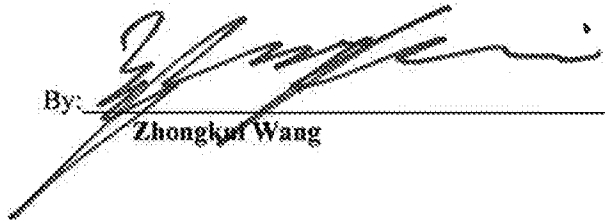
AND I covenant and agree that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the Inventions in the United States and in all foreign countries, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

This Assignment may be executed in counterparts, and said counterparts being deemed as original Assignment documents collectively.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 05/31/2019

By: 

Zhongkui Wang

ASSIGNEE:

NIO USA, INC.

Date: 5/31/2019

By: Yu Chen

Signature

Yu Chen

Printed Name

Registered In-House Counsel

Title

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EXHIBIT "A"

SR File No.	Title	Serial No.	Filing Date
8322-314	SYSTEMS AND METHODS OF CONTROLLING SYNCHRONICITY OF COMMUNICATION WITHIN A NETWORK OF DEVICES	15/994,370	5/31/2018
8322-448	VEHICLE CONTROL SYSTEM USING NONLINEAR DYNAMIC MODEL STATES AND STEERING OFFSET ESTIMATION	16/050,637	7/31/2018
8322-507-PROV	NONLINEAR DYNAMIC INVERSION APPLIED TO LATERAL AND YAW CONTROL	62/827,757	4/1/2019

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