

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6483531

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WANZHONG ZHAO	12/10/2020
XIAOCHUAN ZHOU	12/10/2020
CHANGZHI ZHOU	12/10/2020
ZHONGKAI LUAN	12/10/2020
WEIHE LIANG	12/10/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS
<b>Street Address:</b>	29# YUDAO ST.
<b>Internal Address:</b>	QINHUI DISTRICT
<b>City:</b>	NANJING
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17258415
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	20258YWX
<b>NAME OF SUBMITTER:</b>	QING YE
<b>SIGNATURE:</b>	/Qing Ye/
<b>DATE SIGNED:</b>	01/06/2021
<b>Total Attachments: 5</b>	
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**Drive-by-Wire electro-hydraulic steering system based on dual-winding motor and hybrid control method**

ASSIGNMENT

WHEREAS I/We, the below named inventor(s),

Wanzhong ZHAO	of	China
Xiaochuan ZHOU	of	China
Changzhi ZHOU	of	China
Zhongkai LUAN	of	China
Weihe LIANG	of	China

hereby sell and assign to **NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS**, whose post office address is #29 Yudao St., QinHuai District, Nanjing, Jiangsu, China 210001, hereinafter referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and for United States Patent currently entitled:

**Drive-by-Wire Electro-Hydraulic Steering System Based on Double-Winding Motor and Hybrid Control Method**

Executed concurrently herewith,  
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Drive-by-Wire electro-hydraulic steering system based on dual-winding motor and hybrid control method

AND We/I hereby authorize and request our/my agents, USPTO customer number 93229, whose address is 106 Oakland PI, Los Gatos, CA 95032, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND We/I hereby covenant for ourselves/myself and our/my legal representatives, and agree with said Company, its successors and assigns, that We/I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said Company, that prior to the execution of this assignment document, our/my right, title and interest in said improvements had not been otherwise encumbered, and that We/I have not and will not execute any instrument in conflict therewith;

AND We/I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said Company.

Docket No. 20258YWX "Assignment Signature Page"  
Wire-controlled electro-hydraulic steering system based on dual-winding motor and hybrid control method

INVENTOR 1

Signature: Wanzhong ZHAO Date: 12/10/2020

Wanzhong ZHAO

Witnessed by: Bo ZHANG Date: 12/10/2020

Signature

Bo ZHANG

Printed Name of Witness

Witnessed by: Anxu WANG Date: 12/10/2020

Signature

Anxu WANG

Printed Name of Witness

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INVENTOR 2

Signature: Xiacchuan ZHOU Date: 12/10/2020

Xiacchuan ZHOU

Witnessed by: Bo ZHANG Date: 12/10/2020

Signature

Bo ZHANG

Printed Name of Witness

Witnessed by: Anxu WANG Date: 12/10/2020

Signature

Anxu WANG

Printed Name of Witness

Docket No. 20258YWX "Assignment Signature Page"

Wire-controlled electro-hydraulic steering system based on dual-winding motor and hybrid control method

INVENTOR 3

Signature: Changzhi ZHOU

Date: 12/10/2020

Changzhi ZHOU

Witnessed by: Bo ZHANG

Date: 12/10/2020

Signature

Bo ZHANG

Printed Name of Witness

Witnessed by: Anxu WANG

Date: 12/10/2020

Signature

Anxu WANG

Printed Name of Witness

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INVENTOR 4

Signature: Zhongkai LUAN

Date: 12/10/2020

Zhongkai LUAN

Witnessed by: Bo ZHANG

Date: 12/10/2020

Signature

Bo ZHANG

Printed Name of Witness

Witnessed by: Anxu WANG

Date: 12/10/2020

Signature

Anxu WANG

Printed Name of Witness

Docket No. 20258YWX "Assignment Signature Page"

Wire-controlled electro-hydraulic steering system based on dual-winding motor and hybrid control method

INVENTOR 5

Signature: Weihe LIANG Date: 12/10/2020

Weihe LIANG

Witnessed by: Bo ZHANG Date: 12/10/2020

Signature

Bo ZHANG

Printed Name of Witness

Witnessed by: Anxu WANG Date: 12/10/2020

Signature

Anxu WANG

Printed Name of Witness

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