### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7473614

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUNNIAN WANG	07/26/2022
CHUNLIN ZHANG	07/26/2022
CHANGYANG GUAN	07/26/2022
ZHE LIU	07/26/2022
SHOULIN GAO	07/26/2022

#### **RECEIVING PARTY DATA**

Name:	JILIN UNIVERSITY	
Street Address:	NO. 2699, QIANJIN STREET	
City:	CHANGCHUN, JILIN	
State/Country:	CHINA	
Postal Code:	130012	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17882899

### **CORRESPONDENCE DATA**

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Email: zhilin@dragonsunlaw.com
Correspondent Name: DRAGON SUN LAW FIRM, PC

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Address Line 2: UNIT 1F

Address Line 4: NORWALK, CONNECTICUT 06851

Total Attachments, 5	
DATE SIGNED:	08/08/2022
SIGNATURE:	/Jinggao Li/
NAME OF SUBMITTER:	JINGGAO LI
ATTORNEY DOCKET NUMBER:	W22-YSY-JLDX-761USU

Total Attachments: 5

PATENT REEL: 060743 FRAME: 0281 source=W22\_YSY\_JLDX\_761USU\_ASSIGNMENTS\_5inventors#page1.tif source=W22\_YSY\_JLDX\_761USU\_ASSIGNMENTS\_5inventors#page2.tif source=W22\_YSY\_JLDX\_761USU\_ASSIGNMENTS\_5inventors#page3.tif source=W22\_YSY\_JLDX\_761USU\_ASSIGNMENTS\_5inventors#page4.tif source=W22\_YSY\_JLDX\_761USU\_ASSIGNMENTS\_5inventors#page5.tif

PATENT REEL: 060743 FRAME: 0282

Attorney Docket Number	W22-YSY-JLDX-761USU	
Title of Invention	DUAL-MODE ELECTRIC DRIVE AXLE WITH TORQUE PARALLEL COUPLING AND TORQUE VECTORING	
	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.  Jilin University	
	stal address of No. 2699, Qianjin Street, Changchun City, Jilin Province, 130012	
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOF said invent division, co	N, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, it, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion and application throughout the United States of America, including any and all patents granted on any intinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or all examination thereof.	
prosecution additional d further conscommunica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within it's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's ators, administrators and other legal representatives.	
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.		
	SIGNOR authorizes Practitioners associated with the Customer Number 176917 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL N	AME OF ASSIGNOR	
Assignor:	WANG,Junnian 07/26/2022	
	J. 750	
Signature		

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Attorney Docket Number	W22-YSY-JLDX-761USU		
Title of Invention	DUAL-MODE ELECTRIC DRIVE AXLE WITH TORQUE PARALLEL COUPLING AND TORQUE VECTORING		
WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.  Jilin University WHEREAS.			
having a po	ostal address of No. 2699, Qianjin Street, Changchun City, Jilin Province, 130012		
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;		
ASSIGNOF said invent division, co	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, <b>R, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any ntinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereof.</b>		
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.			
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	SIGNOR authorizes Practitioners associated with the Customer Number 176917 to insert or complete any information iment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL N	AME OF ASSIGNOR		
Assignor:	ZHANG,Chunlin 07/26/2022		
Signature	张春林 :		

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Attorney Docket Number	W22-YSY-JLDX-761USU	
Title of Invention	DUAL-MODE ELECTRIC DRIVE AXLE WITH TORQUE PARALLEL COUPLING AND TORQUE VECTORING	
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prosecution additional d further cons communica ASSIGNOF be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within the top sossession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's ators, administrators and other legal representatives.	
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LEGAL N	AME OF ASSIGNOR	
Assignor:	GUAN,Changyang 07/26/2022	
Signature	<b>管畅资</b>	

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Attorney Docket Number	W22-YSY-JLDX-761USU	
Title of Invention	DUAL-MODE ELECTRIC DRIVE AXLE WITH TORQUE VECTORING	UE PARALLEL COUPLING AND TORQUE
	<ul> <li>Fig. 1 believe that I am the original inventor or an original joint invented application identified by the title above.</li> <li>Jilin University</li> </ul>	ventor (referred to as ASSIGNOR below) of a claimed
having a po	ostal address of No. 2699, Qianjin Street, Changchun City	ity, Jilin Province, 130012
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, a	e, and interest in and to the same in the United States;
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	SIGNOR authorizes Practitioners associated with the Customer recordal in the U.S. Patent and Trade	
LEGAL N	AME OF ASSIGNOR	
Assignor:	LIU,Zhe	07/26/2022 Date:
Signatura	刘樘	

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Attorney Docket Number	W22-YSY-JLDX-761USU	
Title of Invention	DUAL-MODE ELECTRIC DRIVE AXLE WITH TORQUE VECTORING	PARALLEL COUPLING AND TORQUE
WHEREAS invention in WHEREAS	I believe that I am the original inventor or an original joint inver the application identified by the title above. Jilin University	ntor (referred to as ASSIGNOR below) of a claimed
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(referred to	as ASSIGNEE below) desires to acquire the entire right, title, a	nd interest in and to the same in the United States;
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referred to a use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Fabove to ASSIGNEE, as the ASSIGNEE of the entire right, title anoof; and for the use and behoof of ASSIGNEE's legal represer patent may be granted, as fully and entirely as the same would to been made.	and interest in and to the same, for ASSIGNEE's sole ntatives and successors, to the full end of the term for
	SIGNOR authorizes Practitioners associated with the Customer ment needed to effect its recordal in the U.S. Patent and Trader	
LEGAL NA	AME OF ASSIGNOR	
Assignor:	GAO,Shoulin	Date:07/26/2022
Signature:	<b>高</b> 守林.	

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**PATENT** REEL: 060743 FRAME: 0287

**RECORDED: 08/08/2022**