505102140 09/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
QUNZHAN LI	09/19/2018

RECEIVING PARTY DATA

Name:	SOUTHWEST JIAOTONG UNIVERSITY	
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State/Country:	CHINA	
Name:	QUNZHAN LI	
Name: Street Address:	QUNZHAN LI NO.111, NORTH 1ST SECTION, SECOND RING ROAD, JINNIU DISTRICT,	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16086507	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	UMBER: RAP3-PT111 (PUS52785SWJT)		
NAME OF SUBMITTER: DOUGLAS J. BUCKLIN			
SIGNATURE:	RE: /Douglas J. Bucklin/		
DATE SIGNED:	09/19/2018		

Total Attachments: 2

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PATENT 505102140 REEL: 046915 FRAME: 0306

ASSIGNMENT

Qunzhan Li, a citizen of China with an address of No.111, North 1st Section, Second Ring Road, Jinniu District, Chengdu, Sichuan, PRC, (hereafter "the undersigned") is the inventor of

STEERING CONTROL DEVICE FOR TRACKLESS TRAIN AND CONTROL METHOD THEREFOR

for which the undersic	hatusaya sed ham	an application for I	United States Letters
TOT WITHOUT DITC CHICACIDIS	grica mas checatea	an application for	Silica States Deffers
~ **	16/08	86 507 S4	antambar 10
Patent, U.S. Patent Ap	inlication No 10/00	$\mu_{0,301}$ $\mu_{1,01}$ $\mu_{1,01}$, 2018
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The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Southwest Jiaotong University, a University having a principal place of business at No.111, North 1st Section, Second Ring Road, Jinniu District, Chengdu, Sichuan, PRC and the undersigned (hereafter referred to together as "the assignees") are desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign, and transfer to, or confirms that he has sold, assigned or transferred to, the assignees and assignees' successors, assigns and legal representatives the entire right, title, and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the one or both of the assignees, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the

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world for the benefit of the assignees, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

September EXECUTED under seal on this 19 day of Si Chuan, CHINA (Place) Witness:

(Although not mandatory, if possible, please subscribe appropriate notarization and obtain APOSTILLE)

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RECORDED: 09/19/2018

PATENT REEL: 046915 FRAME: 0308