

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7763317

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TUSIMPLE, INC.	12/16/2022
RECEIVING PARTY DATA		
Name:	BEIJING TUSEN ZHITU TECHNOLOGY CO., LTD.	
Street Address:	NO.56, SOUTH OF LIANGMAQIAO ROAD	
Internal Address:	CHAOYANG DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100016	
Name:	TUSIMPLE, INC.	
Street Address:	9191 TOWNE CENTRE DRIVE	
Internal Address:	SUITE 600	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92122	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16014869	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	mcopp@perkinscoie.com	
Correspondent Name:	PERKINS COIE LLP - SDO GENERAL	
Address Line 1:	PO BOX 1247	
Address Line 2:	ATTENTION: VINAY SATHE	
Address Line 4:	SEATTLE, WASHINGTON 98111-1247	
ATTORNEY DOCKET NUMBER:	135680-8027.US00_2018017	
NAME OF SUBMITTER:	MICHAIAH COPP	
SIGNATURE:	/Michaiah Copp/	

DATE SIGNED:	01/26/2023
Total Attachments: 3 source=TSP to Zhitu (Joint) for 16014869 -- 135680-8027.US00#page1.tif source=TSP to Zhitu (Joint) for 16014869 -- 135680-8027.US00#page2.tif source=TSP to Zhitu (Joint) for 16014869 -- 135680-8027.US00#page3.tif	

CORPORATE ASSIGNMENT

TuSimple, a corporation of California, having a place of business at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122, as of April 12, 2019 TuSimple changed its name to TuSimple, Inc. due to incorporation in the State of California.

To the extent that TuSimple, Inc. has acquired any right, title and interest ("Rights") in any and all inventions and improvements which are described in patents or applications listed in the attached Appendix A, TuSimple, Inc. hereby assigns to Beijing Tusen Zhitu Technology Co., Ltd., a corporation of P.R. China, having a place of business at No. 56, South of Liangmaqiao Road, Chaoyang District, Beijing, 100016, P.R. China, and its successors and assigns (collectively hereinafter called "the Assignee"), joint ownership of any and all such Rights throughout the world that TuSimple, Inc. owns or may own in any and all inventions and improvements which are described in patents or applications listed in the attached Appendix A.

This assignment includes joint ownership of Rights in each listed patent or application in the attached Appendix A, all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of the described inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of each listed patent or application in the attached Appendix A under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

Each joint owner, TuSimple, Inc. and Beijing Tusen Zhitu Technology Co., Ltd. further covenants for itself and its heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents.

said legal equivalents or other legal instrument as may be known and accessible to us and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

The undersigned is an officer of, and is empowered to execute this assignment on behalf of, TuSimple, Inc.

Date: October 16, 2022

By: [Signature]
Paul Liu, Global Head of Intellectual Property
TuSimple, Inc.

This Assignment may be executed in counterparts.

ASSIGNEE CONFIRMATION

TuSimple, Inc. acknowledges and agrees to this assignment. The undersigned is an officer of, and is empowered to execute this assignment on behalf of, TuSimple, Inc.

Date: October 16, 2022

By: [Signature]
Paul Liu, Global Head of Intellectual Property
TuSimple, Inc.

Beijing Tusen Zhitu Technology Co., Ltd. acknowledges and agrees to this assignment. The undersigned is an officer of, and is empowered to execute this assignment on behalf of, Beijing Tusen Zhitu Technology Co., Ltd.

Date: November 7, 2022

By: [Signature]
Name and Title Jianan HAO, Legal Representative
Beijing Tusen Zhitu Technology Co., Ltd.

APPENDIX "A"

	Country	Application No. / Patent No.	Filing Date	Title
1.	US	62/656,924	April 12, 2018	IMAGES FOR PERCEPTION MODULES OF AUTONOMOUS VEHICLES
2.	US	16/014,869	June 21, 2018	METHOD AND DEVICE FOR OPTIMIZING NEURAL NETWORK
3.	US	16/276,084	February 14, 2019	METHOD, APPARATUS, AND SYSTEM FOR MULTI- MODULE SCHEDULING
4.	US	16/275,984	February 14, 2019	METHOD, APPARATUS AND SYSTEM FOR MULTI- MODULE SCHEDULING

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