

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| TUSIMPLE, INC. | 10/05/2023 |
| 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 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 16014869 |
| Application Number: | 18162871 |
| 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> | |
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| ATTORNEY DOCKET NUMBER: | 135680.8027.US01 |
| NAME OF SUBMITTER: | ROBERT CHOMIK |
| SIGNATURE: | /Robert Chomik/ |
| DATE SIGNED: | 11/05/2023 |
| Total Attachments: 3 | |
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| source=Corrected Assign TS to Zhitu 135680.8027#page3.tif | |

CORRECTED ASSIGNMENT

TuSimple, Inc., a corporation of California, having a place of business at 9191 Towne Centre Drive, Suite 600, San Diego, California 92122, 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"), 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 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 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.

TuSimple, Inc. 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 5, 2023

By: Paul Liu
Name and Title Paul Liu
Assignor: TuSimple, Inc. Deputy General Counsel
and Global Head of
Intellectual Property

This Assignment may be executed in counterparts.

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: 2023.9.12

By: Jiannan HAO
Name and Title Jiannan HAO, Legal Representative
Assignee: Beijing Tusen Zhitu Technology Co., Ltd.

APPENDIX A

| | Country | Application No. / Patent No. | Filing Date | Title |
|----|---------|---------------------------------|------------------|--|
| 1. | US | 16/014,869 | June 21, 2018 | METHOD AND DEVICE FOR OPTIMIZING NEURAL NETWORK |
| 2. | US | 18/162,871 | February 1, 2023 | METHOD AND DEVICE FOR OPTIMIZING NEURAL NETWORK |