

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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RIWEN SUN	09/28/2023
LONGFEI GAO	09/28/2023
ZHILAN LIU	09/28/2023
YANG ZHAO	09/28/2023
QIANG FANG	09/28/2023
XITAO SONG	09/28/2023
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18558813
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DATE SIGNED:	11/03/2023

Total Attachments: 2

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ASSIGNMENT

WHEREAS we the below named joint inventors, Riwen SUN, Longfei GAO, Zhilan LIU, Yang ZHAO, Qiang FANG and Xitao SONG (hereinafter referred to individually and collectively as "ASSIGNOR") hereby irrevocably sell, transfer, convey, and assign to **HIMILE MECHANICAL SCIENCE AND TECHNOLOGY (SHANDONG) CO., LTD**, having an address of No. 1 Himile Road, Mishui Science & Technology Industry Zone, Gaomi, Weifang, 261500, Shandong, CHINA (hereinafter referred to as "ASSIGNEE"), their entire right, title and interest for the United States of America and its territorial possessions and all other countries and patent regions, including all rights of priority and rights to recover for infringement, in the invention(s) disclosed in the patent application entitled:

TIRE VULCANIZING EQUIPMENT

which was filed as U.S. Application No. 18/558,813 on November 3 2023 (Atty Docket Number 0196-0005US1), a national phase application of International Application No. PCT/CN2022/120732, filed on September 23, 2022, which claims priority to CN 202111521976.X, filed December 13, 2021, and in any and all applications thereon, in any and all Letters Patent(s) therefor; and

WHEREAS THE ASSIGNEE is desirous of securing the ASSIGNOR'S entire right, title, and interest in and to this invention in all countries throughout the world, and in and to any application of United States Letters Patent on this invention and the Letters Patent to be issued that may claim priority to this application together with the entire right, title, and interest in and to all patents and patent applications that claim priority thereto as well as all divisional, continuation, continuation-in-part, reissue, reexamination, extension or other applications based in whole or in part thereon or that claim priority or are related by terminal disclaimer thereto or therefrom, and all Letters Patent of the United States and all other countries and patent regions worldwide that may or shall be granted on said inventions, or any parts thereof (hereinafter referred to as "Assignment").

NOW THEREFORE, be it known that, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the ASSIGNEE, its lawful successors and assigns, their entire right, title, and interest in and to this invention and this application, and all divisions, continuations, continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to the ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

AND, THE ASSIGNOR HEREBY covenants that they have the full right to convey the interest assigned by this Assignment, and they have not executed and will not execute any agreement in conflict with this Assignment;

AND, THE ASSIGNOR HEREBY further covenants and agrees that they will, without further consideration, communicate with the ASSIGNEE, its successors and assigns, any facts known to the ASSIGNOR respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in the ASSIGNEE, its successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood

that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, its successors and assigns.

The ASSIGNOR hereby grants the attorneys associated with Customer Number 56719 power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor on the date opposite the inventor's name.

By: Riwen Sun Date: September 28, 2023
Name: Riwen SUN

By: Longfei Gao Date: September 28, 2023
Name: Longfei GAO

By: Zhilan Liu Date: September 28, 2023
Name: Zhilan LIU

By: Yang Zhao Date: September 28, 2023
Name: Yang ZHAO

By: Qiang Fang Date: September 28, 2023
Name: Qiang FANG

By: Xitao Song Date: September 28, 2023
Name: Xitao SONG