

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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FANG HU	06/25/2021
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ZIQIANG JIANG	06/25/2021
JUNFENG LAI	06/25/2021
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17369412
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<b>NAME OF SUBMITTER:</b>	YU LU, PH.D.
<b>SIGNATURE:</b>	/Yu Lu/
<b>DATE SIGNED:</b>	07/09/2021

**Total Attachments: 8**

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Dibi (Chongqing) Intelligent Technology Research Institute Co., Ltd.  
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(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

SNOW SHOVEL STRUCTURE OF SNOW PLOW ROBOT

As described in U.S. Patent Application No. 17/369,412, filed on July 7, 2021,

which claims the benefit of the following foreign patent application:

Chinese Patent Application No. 202120868277.1, filed April 26, 2021

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified Patent Applications and all other Patent Applications in the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Patents which may issue from said Patent Applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said Patent Applications and Patents, (e) the right to claim for any of said Patent Applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Patents may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made, and (f) all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Patent(s) to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 25<sup>th</sup> day of June, 2021

Yongduan SONG

Yongduan SONG

Witness: Xin DAI

Xin DAI

Signature

Executed this 28<sup>th</sup> day of June, 2021

Hong LONG  
Hong LONG

Witness: Xin DAI

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Executed this 23<sup>rd</sup> day of June, 2021

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Witness: Xin DAI

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Executed this 25<sup>th</sup> day of June, 2021

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Executed this 25<sup>th</sup> day of June, 20 21

Ziqiang JIANG  
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