

## 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>
LEI WANG	05/22/2020
HAOJIAN XIE	05/22/2020
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<b>City:</b>	SHENZHEN
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16883706
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<b>ATTORNEY DOCKET NUMBER:</b>	P287559.US.01
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<b>SIGNATURE:</b>	/Randi Rowe/
<b>DATE SIGNED:</b>	05/26/2020
<b>Total Attachments: 2</b>	
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source=20200522_SignedAssignment_P287559US01#page2.tif	

**PATENT ASSIGNMENT**

WHEREAS, we, Lei WANG and Haojian XIE ("Assignors"), having addresses of c/o SHENZHEN ROCK TIMES TECHNOLOGY CO., LTD., 301, Building A4, Nanshan Zhiyuan, No.1001 Xueyuan Avenue Changyuan Community, Taoyuan Street, Nanshan District Shenzhen, Guangdong 518000, CHINA, are the named inventors on a U.S. Application entitled **"AUTONOMOUS MOBILE ROBOT AND PILE-SEEKING METHOD THEREFOR, CONTROL APPARATUS AND SMART CLEANING SYSTEM,"** identified by Attorney Docket No.: P287559.US.01 ("the Application"), filed on May 26, 2020 and assigned U.S. Application No. 16/883,706, which is a bypass continuation application of PCT Application No. PCT/CN2018/105836, filed September 14, 2018, which claims priority to Chinese Application No. 201710876877.0, filed on September 25, 2017; and

WHEREAS, **SHENZHEN ROCK TIMES TECHNOLOGY CO., LTD.** ("Assignee"), a Chinese incorporation having a place of business at 301, Building A4, Nanshan Zhiyuan, No.1001 Xueyuan Avenue Changyuan Community, Taoyuan Street, Nanshan District Shenzhen, Guangdong 518000, CHINA, is desirous of acquiring the entire right, title and interest in and to the Application and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, conveyed, assigned and transferred, and do hereby sell, convey, assign, transfer and set over unto Assignee, the entire right, title and interest in and to: (i) the Application and all the inventions claimed or disclosed in such Application; (ii) all pending applications and all provisional applications, divisional applications, continuation applications, continuation-in-part applications, continued prosecution applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions, or applications claiming priority to or relying on the disclosure of the Application, or to which the Application directly or indirectly claims priority; (iii) all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions and/or patent applications; and (iv) all rights of priority resulting from the filing of said patents and/or patent applications ((i) – (iv) collectively, the "Patents").

Said sale, conveyance, assignment and transfer includes, without limitation, all rights to enforce, assert and sue for past, present and future infringement of the Patents, all rights to collect royalties on account of the Patents, and all rights to recover and collect for past, present and future damages related to the Patents, including injunctive relief or any other remedies of any kind.

Assignors hereby authorize and request the competent authorities to grant and to issue any and all such Patents in the United States and throughout the world to the Assignee and the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

Assignors further agree to cooperate with Assignee at all times, and to execute and to deliver upon request of the Assignee such additional documents, if any, as are necessary or desirable, in the prosecution of the Patents, and to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do such acts as are necessary to give full effect to and to perfect the rights of the Assignee under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable. In the event that an Assignor is unable or unwilling to do so, the Assignor hereby authorizes the Assignee, or the Assignee's attorney or agent, to execute on Assignor's behalf substitute statements or other documents required for obtaining, perfecting, sustaining, and/or enforcing the Patents. If not already present and if so required, Assignors hereby authorize the Assignee, or Assignee's attorney or agent, to insert the filing date and application number of the Patents when known.

**ASSIGNORS:**

Signature: 王磊

Date: 2020/5/22  
(YYYY-MM-DD)

Assignor Name: Lei WANG

Witness:

Signature: 胡明

Date: 2020/5/22  
(YYYY-MM-DD)

Witness Name: MIN HU

Signature: 谢建

Date: 2020.5.22  
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Assignor Name: Haojian XIE

Witness:

Signature: 胡明

Date: 2020/5/22  
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