

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7541191

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	AN CUI	09/14/2022
	TIANMENGYU LIANG	09/14/2022
	LIYUAN LIU	09/14/2022
	YAOHUI MA	09/14/2022
	YINGPING XU	09/14/2022
	MENGMENG YANG	09/14/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	JILIN UNIVERSITY	
<b>Street Address:</b>	NO. 2699 QIANJIN STREET	
<b>City:</b>	CHANGCHUN	
<b>State/Country:</b>	CHINA	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	17945883	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
<b>Phone:</b>	248 962 3888	
<b>Email:</b>	services@hemisphere-law.com	
<b>Correspondent Name:</b>	HEMISPHERE LAW, PLLC	
<b>Address Line 1:</b>	16485 MULBERRY WAY	
<b>Address Line 4:</b>	NORTHVILLE, MICHIGAN 48168	
<b>ATTORNEY DOCKET NUMBER:</b>	SZ-X-347	
<b>NAME OF SUBMITTER:</b>	ZHIGANG MA	
<b>SIGNATURE:</b>	/Zhigang Ma/	
<b>DATE SIGNED:</b>	09/15/2022	
<b>Total Attachments: 2</b>		
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ASSIGNMENT

WHEREAS, ASSIGNOR,

1. Cui, An	, residing at	<u>No.2699 Qianjin Street, Changchun, Jilin</u>
2. Liang, Tianmengyu	, residing at	<u>No.2699 Qianjin Street, Changchun, Jilin</u>
3. Liu, Liyuan	, residing at	<u>No.2699 Qianjin Street, Changchun, Jilin</u>
4. Ma, Yaohui	, residing at	<u>No.2699 Qianjin Street, Changchun, Jilin</u>
5. Xu, Yingping	, residing at	<u>No.2699 Qianjin Street, Changchun, Jilin</u>
6. Yang, Mengmeng	, residing at	<u>No.2699 Qianjin Street, Changchun, Jilin</u>

(collectively referred to as ASSIGNOR),

owns all right, title and interest in the invention as disclosed and/or claimed in the U.S. patent application, entitled PATH PLANNING METHOD OF MOBILE ROBOTS BASED ON IMAGE PROCESSING, which

☒ is concurrently filed herewith; or

☐ was previously filed on \_\_\_\_\_ with Application No. \_\_\_\_\_;

AND, ASSIGNEE,

1. Jilin University	, having	<u>No.2699 Qianjin Street, Changchun, Jilin</u>
	offices at	_____

(collectively referred to as ASSIGNEE),

desires to own ASSIGNOR's entire right, title, and interest in and to the invention and in and to the above-described U.S. patent application.

NOW THEREFORE, be it known for one U.S. dollar (US\$1) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby assigns, transfers and sets over to ASSIGNEE, its lawful successors and assigns, ASSIGNOR's entire right, title, and interest in and to the invention and the U.S. patent application as described above, and other patent application, including but not limited to any continuing application, directed or to be directed to the invention, and all Letters Patent of the United States that may be granted therein, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application; and all applications for Letters Patent that may be filed for the invention in any other country and all Letters Patent that may be granted on the invention in any other country, and all extensions, renewals, reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States and any official of any other country whose duty is to issue patents on patent applications, to issue all Letters Patent for this invention to ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

\_\_\_\_\_  
[Signature of Assignor]

\_\_\_\_\_  
[Signature of Assignee]

\_\_\_\_\_  
[Signature of Assignee]

\_\_\_\_\_  
[Signature of Assignee]

\_\_\_\_\_  
[Signature of Assignee]

\_\_\_\_\_  
[Signature of Assignee]

AND, ASSIGNOR HEREBY further covenants that ASSINOR has the full right to convey the interest assigned by this Assignment, ASSIGNOR will take all action and execute all documents necessary to perfect the interest assigned hereby, and ASSIGNOR has not executed and will not execute any agreement in conflict with this Assignment;

AND, ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR respecting the invention and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to the invention in said ASSIGNEE, its successors and assigns, execute all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors and assigns, to prosecute any patent application described above and obtain and enforce proper patent protection for the invention in the United States and in any other country, it being understood that any expense incident to the execution of such papers shall be borne by ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has executed his Assignment the day and year below written.

崔岸  
Cui, An

Date: 2022-09-14

梁添钰钰  
Liang, Tianmengyu

Date: 2022-09-14

刘立源  
Liu, Liyuan

Date: 2022-09-14

马耀辉  
Ma, Yaohui

Date: 2022-09-14

徐迎萍  
Xu, Yingping

Date: 2022-09-14

杨萌萌  
Yang, Mengmeng

Date: 2022-09-14