

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT8051682

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JINGYU YU	07/04/2023
JINGFENG WANG	07/04/2023
WEI LIN	07/04/2023
YUXUE PU	07/04/2023
YONGCHAO ZHU	07/04/2023
ZHENXUAN LI	07/04/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEFEI UNIVERSITY OF TECHNOLOGY
<b>Street Address:</b>	NO. 193 TUNXI ROAD
<b>City:</b>	HEFEI, ANHUI
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18347557
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	61805-0005US00
<b>NAME OF SUBMITTER:</b>	YANLING JIANG
<b>SIGNATURE:</b>	/YANLING JIANG/
<b>DATE SIGNED:</b>	07/12/2023
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

WHEREAS WE, the below named inventors (hereinafter referred to as Assignors) have made an invention entitled:

**METHODS, ELECTRONIC DEVICES AND STORAGE MEDIA FOR SHIP ROUTE OPTIMIZATION**

claiming priority to Chinese Patent Application No. 202211688245.9 filed on December 28, 2022; and

WHEREAS, HEFEI UNIVERSITY OF TECHNOLOGY, a Chinese university whose address is No. 193 Tunxi Road, Hefei, Anhui, 230009, P.R. China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for United States Letters Patent on this invention and the Letters Patent to be issued thereon;

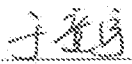
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and these applications, and all national phase applications, divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in the United States and any other country on the basis of the above applications, and all applications for Letters Patent which may hereafter be filed for this invention in the United States and any other country and all Letters Patent which may be granted on this invention in the United States and any other country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any other country whose duty is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

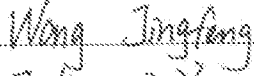
AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

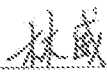
AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all national phase, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and 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.

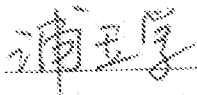
AND, WE HEREBY authorize and request a patent practitioner of record in this application, to insert the filing date, country of filing, and application number of the above-referenced application(s) when known.

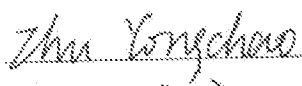
IN TESTIMONY WHEREOF, We have hereunto set our hands.

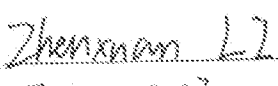
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