

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI522782

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUIZHONG AN	06/20/2022
CHENHAO WU	08/06/2022
YIMING ZHANG	06/13/2022
ZHEN CHEN	09/26/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	QFEELTECH (BEIJING) CO., LTD.
<b>Street Address:</b>	ROOM 909 QUANTUM SILVER PLAZA
<b>Internal Address:</b>	NO. 23 ZHICHUN ROAD, HAIDIAN DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100191
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17838210
<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>	9733151365
<b>Email:</b>	DOCKETING@MILLBURNIP.COM,BILL.YU@MILLBURNIP.COM
<b>Correspondent Name:</b>	HONGBIAO YU
<b>Address Line 1:</b>	4 MEADOWBROOK ROAD
<b>Address Line 4:</b>	SHORT HILLS, NEW JERSEY 07078
<b>ATTORNEY DOCKET NUMBER:</b>	0008.0011.00US
<b>NAME OF SUBMITTER:</b>	Hongbiao Yu
<b>SIGNATURE:</b>	Hongbiao Yu
<b>DATE SIGNED:</b>	09/26/2024
<b>Total Attachments: 4</b>	
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source=assgn-0011-ALL-signed-filed#page4.tiff

**PATENT**

**REEL: 068702 FRAME: 0960**

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s) [hereinafter referred to as Assignor(s)], have made an invention entitled:

**METHOD FOR PROCESSING MAP OF CLOSED SPACE, APPARATUS, AND MOBILE DEVICE**

for which I/We have filed a patent application on June 11, 2022, as United States Patent Application No. 17/838,210 (Confirmation No. 7830); and

WHEREAS, **Qfeeltech (Beijing) Co., Ltd.**, a limited company of **P.R. China**, whose post office address is **Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China, 100191** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in the United States, and in and to the patent application for United States Letters Patent on this invention, and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. \_\_\_\_\_, filed on \_\_\_\_\_ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application and/or the above referenced provisional application; and I/We hereby authorize and request the Commissioner for Patents of the United States Patent and Trademark Office, 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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors, and assigns, any facts known to me/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 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, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR <b>Huizhong AN</b>	ASSIGNOR SIGNATURE <u>Huizhong AN</u> <small>Huizhong AN (Jun 20, 2022 09:20 GMT+8)</small>	DATE <b>Jun 20, 2022</b>
ADDRESS  Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

2. FULL NAME OF SECOND ASSIGNOR <b>Chenhao WU</b>	ASSIGNOR SIGNATURE <u>Chenhao Wu</u> <small>Chenhao Wu (Aug 6, 2022 08:22 GMT+8)</small>	DATE <b>Aug 6, 2022</b>
ADDRESS  Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

3. FULL NAME OF THIRD ASSIGNOR <b>Yiming ZHANG</b>	ASSIGNOR SIGNATURE <u>Yiming Zhang</u> <small>Yiming Zhang (Jun 13, 2022 11:09 GMT+8)</small>	DATE <b>Jun 13, 2022</b>
ADDRESS  Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

4. FULL NAME OF FOURTH ASSIGNOR <b>Zhen CHEN</b>	ASSIGNOR SIGNATURE	DATE
ADDRESS  Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

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NOW THEREFORE, be it known that for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. \_\_\_\_\_, filed on \_\_\_\_\_ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application and/or the above referenced provisional application; and I/We hereby authorize and request the Commissioner for Patents of the United States Patent and Trademark Office, 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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

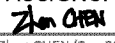
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors, and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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 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, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR <b>Huizhong AN</b>	ASSIGNOR SIGNATURE	DATE
ADDRESS Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

2. FULL NAME OF SECOND ASSIGNOR <b>Chenhao WU</b>	ASSIGNOR SIGNATURE	DATE
ADDRESS Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

3. FULL NAME OF THIRD ASSIGNOR <b>Yiming ZHANG</b>	ASSIGNOR SIGNATURE	DATE
ADDRESS Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>

4. FULL NAME OF FOURTH ASSIGNOR <b>Zhen CHEN</b>	ASSIGNOR SIGNATURE  <small>Zhen CHEN (Sep 26, 2024 19:52 GMT+8)</small>	DATE <b>Sep 26, 2024</b>
ADDRESS Room 909 Quantum Silver Plaza, No. 23 Zhichun Road, Haidian District, Beijing, China 100191		CITIZENSHIP <b>P.R. CHINA</b>