

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5134933

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TONG ZHANG	08/31/2018
MENGWEN TAN	08/31/2018
MENGQIU WANG	09/03/2018
JIA LU	09/10/2018
HANQING GUO	09/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HANGZHOU ZERO ZERO TECHNOLOGY CO., LTD.
<b>Street Address:</b>	BUILDING 13, DREAM TOWN 1399 LIANGMU RD., CANQIAN ST., YUHANG DIST.
<b>City:</b>	HANGZHOU, ZHEJIANG
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15876467
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)645-1568
<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>	248-645-1483
<b>Email:</b>	IPDocket@HowardandHoward.com
<b>Correspondent Name:</b>	HOWARD & HOWARD ATTORNEYS PLLC
<b>Address Line 1:</b>	450 WEST FOURTH STREET
<b>Address Line 4:</b>	ROYAL OAK, MICHIGAN 48067
<b>ATTORNEY DOCKET NUMBER:</b>	114063.00009
<b>NAME OF SUBMITTER:</b>	JAMES R. YEE
<b>SIGNATURE:</b>	/James R. Yee/
<b>DATE SIGNED:</b>	09/11/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 5</b>	
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**PATENT**

**REEL: 046840 FRAME: 0466**

**COMBINED DECLARATION AND (37 CFR §1.63) AND ASSIGNMENT FOR UTILITY OR  
DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR §1.76)**

**Title of  
Invention**

**SYSTEM AND METHOD FOR OMNI-DIRECTIONAL OBSTACLE AVOIDANCE IN AERIAL  
SYSTEMS**

As the below named inventor(s), I/we hereby declare that:

This declaration ☐ The attached application, or  
is directed to:  
☒ United States application or PCT international application  
number 15/876,467 filed on January 22, 2018.

The above identified application was made or authorized to be made by me/us.

I/We believe that I/we are the original inventor(s) of a claimed invention in the application.

I/We have reviewed and understand the contents of the application, including the claims.

I/We are aware of the duty to disclose to the Office all information known to us to be material to patentability as defined in 37 CFR §1.56.

I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both and may jeopardize the validity of the application or any patent issuing thereon.

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the below named inventor(s), do hereby assign, sell and set over to:  
Hangzhou Zero Zero Technology Co., Ltd. (Company Name),  
and having a place of business at:

Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC,  
hereinafter referred to as ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above referenced application, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file foreign patent applications corresponding to said application, and the right to claim the priority date of said application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, to any application claiming priority to said application, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents, the same to be held and enjoyed by the ASSIGNEE, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

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**SYSTEM AND METHOD FOR OMNI-DIRECTIONAL OBSTACLE AVOIDANCE IN AERIAL  
SYSTEMS**

And I/we hereby covenant and agree that I/we, our heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of the ASSIGNEE, its successors, assigns, or other legal representatives execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor.

And I/we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the ASSIGNEE in accordance with this Agreement.

I/We hereby authorize and request Howard & Howard Attorneys PLLC, to insert herein above the application number and filing date of said application when known.

And I/we hereby represent and warrant that I/we have not granted any rights inconsistent with the rights granted herein.

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

James R. Yee  
HOWARD & HOWARD ATTORNEYS PLLC  
450 West Fourth Street  
Royal Oak, Michigan 48067-2557  
(248) 645-1483

**LEGAL NAME OF INVENTOR**

Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Tong Zhang

Date: Aug. 31 2018

Signature: Tong Zhang

**LEGAL NAME OF INVENTOR**

Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Mengwen Tan

Date: Aug. 31 2018

Signature: Mengwen Tan

**LEGAL NAME OF INVENTOR**

Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Mengqiu Wang

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

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<b>Title of Invention</b>	SYSTEM AND METHOD FOR OMNI-DIRECTIONAL OBSTACLE AVOIDANCE IN AERIAL SYSTEMS
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Inventor: Mengwen Tan

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

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Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Mengqiu Wang

Date: 09 / 03 / 2018

Signature: 

COMBINED DECLARATION AND (37 CFR §1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN  
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Title of  
Invention

SYSTEM AND METHOD FOR OMNI-DIRECTIONAL OBSTACLE AVOIDANCE IN AERIAL  
SYSTEMS

LEGAL NAME OF INVENTOR

Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Jia Lu

Date: 2018.09.10

Signature:

Jia Lu

LEGAL NAME OF INVENTOR

Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Hanqing Guo

Date:

Signature:

LEGAL NAME OF INVENTOR

Residence Address:

Citizenship:

Inventor:

Date:

Signature:

LEGAL NAME OF INVENTOR

Residence Address:

Citizenship:

Inventor:

Date:

Signature:

LEGAL NAME OF INVENTOR

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Citizenship:

Inventor:

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Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Jia Lu

Date:

Signature:

LEGAL NAME OF INVENTOR

Residence Address: Building 13, Dream Town 1399 Liangmu Rd., Cangqian St., Yuhang Dist., HangZhou, Zhejiang, PRC

Citizenship: CN

Inventor: Hangqing Guo

Date:

2018.9.11

Signature:

Hangqing Guo

LEGAL NAME OF INVENTOR

Residence Address:

Citizenship:

Inventor:

Date:

Signature:

LEGAL NAME OF INVENTOR

Residence Address:

Citizenship:

Inventor:

Date:

Signature:

LEGAL NAME OF INVENTOR

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Citizenship:

Inventor:

Date:

Signature:

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