

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5862095

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUNDOU XU	11/25/2019
LUYAO GUO	11/25/2019
JINWEI GUO	11/25/2019
YANG CHEN	11/25/2019
JIANTAO YAO	11/25/2019
YONGSHENG ZHAO	11/25/2019
RECEIVING PARTY DATA	
Name:	YANSHAN UNIVERSITY
Street Address:	438 WEST HEBEI STREET
City:	QINHUANGDAO CITY, HEBEI
State/Country:	CHINA
Postal Code:	066000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16701696
CORRESPONDENCE DATA	
Fax Number:	(908)654-7866
<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>	
Phone:	(908) 654-5000
Email:	assignment@lernerdavid.com
Correspondent Name:	LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
Address Line 1:	20 COMMERCE DRIVE
Address Line 4:	CRANFORD, NEW JERSEY 07016
ATTORNEY DOCKET NUMBER:	9GAOWO 3.0F-007
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	12/11/2019
Total Attachments: 6	

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source=9GAOWO 3.0F-007 (.8) - Assignment#page6.tif

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9GAOWO 3.0F-007

Whereas, I, XU, Yundou of

438 West Hebei Street, Qinhuangdao City, Hebei, China

hereafter referred to as assignor, have with others invented certain new and useful improvements in
**MODULAR DEPLOYABLE ANTENNA MECHANISM BASED ON SYMMETRICALLY
 STRUCTURAL TETRAHEDRON COMBINATION UNIT**

☒ for which an application for a United States Letters Patent was filed on December 4, 2019
 Application Number 16/701,696

☐ for which an application for a United States Letters Patent was executed by me on _____

☐ for which an International Application was filed on _____, as

_____, designating the United States.

And

Whereas, YANSHAN UNIVERSITY

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

438 West Hebei Street, Qinhuangdao City, Hebei, China

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 25, 2019
 Date

Xu, Yundou
 XU, Yundou

Zhang, Shuo
 Witness

ZHANG, Shuo

Typed Name of Witness

☒ Total of 3 forms are submitted.

10-715

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)
9GAOWO 3.0F-007Whereas, I, GUO, Luyao of438 West Hebei Street, Qinhuangdao City, Hebei, China

hereafter referred to as assignor, have with others invented certain new and useful improvements in

**MODULAR DEPLOYABLE ANTENNA MECHANISM BASED ON SYMMETRICALLY
STRUCTURAL TETRAHEDRON COMBINATION UNIT**☒ for which an application for a United States Letters Patent was filed on December 4, 2019Application Number 16/701,696☐ for which an application for a United States Letters Patent was executed by me on _____☐ for which an International Application was filed on _____, as

_____, designating the United States.

And

Whereas, YANSHAN UNIVERSITY

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

438 West Hebei Street, Qinhuangdao City, Hebei, China

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 25, 2019

Date

Guo, Luyao

GUO, Luyao

Zhang Shuo

Witness

ZHANG, Shuo

Typed Name of Witness

☒ *Total of 3 forms are submitted.

LD-510

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9GAOWO 3.0F-007

Whereas, I, GUO, Jinwei of

438 West Hebei Street, Qinhuangdao City, Hebei, China

hereafter referred to as assignor, have with others invented certain new and useful improvements in
**MODULAR DEPLOYABLE ANTENNA MECHANISM BASED ON SYMMETRICALLY
 STRUCTURAL TETRAHEDRON COMBINATION UNIT**

☒ for which an application for a United States Letters Patent was filed on: December 4, 2019

Application Number 16/701,696

☐ for which an application for a United States Letters Patent was executed by me on _____

☐ for which an International Application was filed on: _____ as _____

_____, designating the United States.

And

Whereas, YANSHAN UNIVERSITY

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

438 West Hebei Street, Qinhuangdao City, Hebei, China

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NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 25, 2019

Date

Guo, Jinwei

GUO, Jinwei

Zhang, Shuo
 Witness

ZHANG, Shuo

Typed Name of Witness

☒ *Total of 3 forms are submitted.

LD-515

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9GAOWO 3.0F-007

Whereas, I, CHEN, Yang of

438 West Hebei Street, Qinhuangdao City, Hebei, China

hereafter referred to as assignor, have with others invented certain new and useful improvements in
**MODULAR DEPLOYABLE ANTENNA MECHANISM BASED ON SYMMETRICALLY
 STRUCTURAL TETRAHEDRON COMBINATION UNIT**

☒ for which an application for a United States Letters Patent was filed on December 4, 2019

Application Number 16/701,696

☐ for which an application for a United States Letters Patent was executed by me on _____

☐ for which an International Application was filed on _____, as

_____, designating the United States.

And

Whereas, YANSHAN UNIVERSITY

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

438 West Hebei Street, Qinhuangdao City, Hebei, China

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 25, 2019
 Date

Chen, Yang
 CHEN, Yang

Zhang, Shuo
 Witness

ZHANG, Shuo

Typed Name of Witness

☒ *Total of 3 forms are submitted.

11-2-2011

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9GAOWO 3.0F-007

Whereas, I, YAO, Jiantao

of

438 West Hebei Street, Qinhuangdao City, Hebei, China

hereafter referred to as assignor, have with others invented certain new and useful improvements in
**MODULAR DEPLOYABLE ANTENNA MECHANISM BASED ON SYMMETRICALLY
 STRUCTURAL TETRAHEDRON COMBINATION UNIT**

☒ for which an application for a United States Letters Patent was filed on December 4, 2019

Application Number 16/701,696

☐ for which an application for a United States Letters Patent was executed by me on _____

☐ for which an International Application was filed on _____, at _____

_____, designating the United States.

And

Whereas, YANGSHAN UNIVERSITY

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

438 West Hebei Street, Qinhuangdao City, Hebei, China

is desirous of acquiring the entire right, title and interest in the same:

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 25, 2019

Date

Yao, Jiantao

YAO, Jiantao

Zhang, Shuo

Witness

ZHANG, Shuo

Typed Name of Witness

☒ *Total of 3 forms are submitted.

10-515

PATENT

REEL: 051249 FRAME: 0210

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9GAOWO 3.0F-007

Whereas, I, ZHAO, Yongsheng of438 West Hebei Street, Qinhuangdao City, Hebei, China

hereafter referred to as assignor, have with others invented certain new and useful improvements in
**MODULAR DEPLOYABLE ANTENNA MECHANISM BASED ON SYMMETRICALLY
 STRUCTURAL TETRAHEDRON COMBINATION UNIT**

☒ for which an application for a United States Letters Patent was filed on December 4, 2019

Application Number 16/701,696

☐ for which an application for a United States Letters Patent was executed by me on _____

☐ for which an International Application was filed on _____, as

_____, designating the United States.

And

Whereas, YANSHAN UNIVERSITY

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

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NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

November 25, 2019

Date

ZHAO, Yongsheng

ZHAO, Yongsheng

Zhang Shuo

Witness

ZHANG, Shuo

Typed Name of Witness

☒ Total of 3 forms are submitted.

11-3151

PATENT

RECORDED: 12/11/2019

REEL: 051249 FRAME: 0211