

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7476957

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEI ZHOU	06/09/2022
QIANG GAO	06/09/2022
JIANXIONG HUA	06/09/2022
ZONGKUAN LIU	06/09/2022
HAIQIAO WEI	06/09/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TIANJIN UNIVERSITY
<b>Street Address:</b>	PEIYANG PARK CAMPUS, NO. 135 YAGUAN ROAD
<b>Internal Address:</b>	HAIHE EDUCATION PARK, JINNAN DISTRICT
<b>City:</b>	TIANJIN
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	300350
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17793290
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
<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>	9727312288
<b>Email:</b>	crreport@conleyrose.com
<b>Correspondent Name:</b>	GRANT RODOLPH
<b>Address Line 1:</b>	4965 PRESTON PARK BLVD.
<b>Address Line 2:</b>	SUITE 195E
<b>Address Line 4:</b>	PLANO, TEXAS 75093
<b>ATTORNEY DOCKET NUMBER:</b>	4870-00100 HLP20220400020
<b>NAME OF SUBMITTER:</b>	GRANT RODOLPH
<b>SIGNATURE:</b>	/Grant Rodolph/
<b>DATE SIGNED:</b>	08/09/2022

**Total Attachments: 4**

source=HGLV\_00100\_2022-08-09\_Executed\_Assignment#page1.tif

source=HGLV\_00100\_2022-08-09\_Executed\_Assignment#page2.tif

source=HGLV\_00100\_2022-08-09\_Executed\_Assignment#page3.tif

source=HGLV\_00100\_2022-08-09\_Executed\_Assignment#page4.tif

ASSIGNMENT

WHEREAS, the Undersigned has invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, TIANJIN UNIVERSITY (hereinafter referred to as "Assignee"), a university organized and existing under the laws of the People's Republic of China, Assignee, having its principal office and place of business at Peiyang Park Campus, No. 135 Yaguan Road, Haihe Education Park, Jinnan District, Tianjin 300350, China, desires to acquire the Undersigned's entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the Undersigned:

Hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, Application No. 17/793,290 filed July 15, 2022, if not identified here by filing date and application number, executed by me on even date, entitled:

AIR-ASSISTED JET FLAME IGNITION DEVICE AND IGNITION METHOD THEREOF

and in and to said application and all applications that claim priority to said Application No. 17/793,290 and all provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements;

Agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the Undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the Undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Agrees that the Undersigned will upon request of Assignee, render prompt assistance and cooperation in the prosecution of legal proceedings involving said improvements, said applications and patents granted thereon, including reexaminations, reissues, interferences, priority contests, public use proceedings and court proceedings, and testify in such proceedings if requested, provided, however, that the expense which may be incurred by the Undersigned in lending such assistance and cooperation be paid by Assignee; and

Covenants with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the Undersigned, except as set forth below, and that full right to convey the same as herein expressed is possessed by the Undersigned.

This assignment shall be binding on the heirs and legal representatives of the Undersigned.

Full name of first inventor:            Lei ZHOU  
Mailing Address:                        Peiyang Park Campus, No. 135 Yaguan Road  
    Haihe Education Park, Jinnan District  
    Tianjin 300350, China  
Citizenship:                                CN

Lei ZHOU  
Lei ZHOU

June 9, 2022  
(Date)

Xiaojun ZHANG  
Witness Signature

Xiaojun ZHANG  
Witness Name (Print)

Atty Dkt. No. 4789-09100 (EILPCTP20220400020)

Full name of second inventor: Qiang GAO  
Mailing Address: Peiyang Park Campus, No. 135 Yaguan Road  
Haihe Education Park, Jinnan District  
Tianjin 300350, China  
Citizenship: CN

Qiang GAO  
Qiang GAO

June 9, 2022  
(Date)

Xiaojun ZHANG  
Witness Signature

Xiaojun ZHANG  
Witness Name (Print)

Full name of third inventor: Jianxiong HUA  
Mailing Address: Peiyang Park Campus, No. 135 Yaguan Road  
Haihe Education Park, Jinnan District  
Tianjin 300350, China  
Citizenship: CN

Jianxiong HUA  
Jianxiong HUA

June 9, 2022  
(Date)

Xiaojun ZHANG  
Witness Signature

Xiaojun ZHANG  
Witness Name (Print)

Full name of fourth inventor: Zongkuan LIU  
Mailing Address: Peiyang Park Campus, No. 135 Yaguan Road  
Haihe Education Park, Jinnan District  
Tianjin 300350, China  
Citizenship: CN

Zongkuan LIU  
Zongkuan LIU

June 9, 2022  
(Date)

Xiaojun ZHANG  
Witness Signature

Xiaojun ZHANG  
Witness Name (Print)

Full name of fifth inventor: Haiqiao WEI  
Mailing Address: Peiyang Park Campus, No. 135 Yaguan Road  
Haihe Education Park, Jinnan District  
Tianjin 300350, China  
Citizenship: CN

Haiqiao WEI  
Haiqiao WEI

June 9, 2022  
(Date)

Xiaojun ZHANG  
Witness Signature

Xiaojun ZHANG  
Witness Name (Print)