506863163 09/10/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6909983

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YE TIAN	09/06/2021
FENG SHI	09/06/2021
GUANGQI ZHOU	09/06/2021
CI SONG	09/06/2021
GUIPENG TIE	09/06/2021
GANG ZHOU	09/06/2021

RECEIVING PARTY DATA

Name:	NATIONAL UNIVERSITY OF DEFENSE TECHNOLOGY, PEOPLE'S LIBERATION ARMY OF CHINA
Street Address:	NO. 109, DEYA ROAD
Internal Address:	KAIFU DISTRICT
City:	CHANGSHA, HUNAN
State/Country:	CHINA
Postal Code:	410073

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17471540

CORRESPONDENCE DATA

Fax Number:

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.

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Email: ipdocketing@stevenslee.com

Correspondent Name: STEVENS & LEE PC
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Address Line 4: ELMWOOD PARK, NEW JERSEY 07407

ATTORNEY DOCKET NUMBER:	G0001
NAME OF SUBMITTER:	LISA BIANCO
SIGNATURE:	/lisabianco/

PATENT 506863163 REEL: 057468 FRAME: 0799

DATE SIGNED:	09/10/2021
Total Attachments: 4	
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PATENT REEL: 057468 FRAME: 0800

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, TIAN, Ye: SHI, Feng: ZHOU, Guangqi: SONG, Ci: TIE, Guipeng and ZHOU, Gang, (hereinafter "Assignors"), have invented a certain invention entitled:

METHOD FOR CONTROLLING DYNAMICALLY CONTROLLABLE ULTRAWIDE-AMPLITUDE AND HIGH-RESPONSE ION SOURCE

For which an application for a Patent in	the United States was filed at the United
States Patent and Trademark Office on .	September 10, 2021
under application serial no.	
17/471,540 ; and	

WHEREAS, National University of Defense Technology, People's Liberation Army of China, having a place of business at No. 109. Deya Road, Kaifu District, Changsha, Hunan 410073, China (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforementioned patent application (hereinafter "Application"), and the invention disclosed therein (hereinafter "Invention"), and in and to all embodiments of the invention, heretofore conceived, made or discovered by the Assignor, and in and to any and all patents, inventors' certificates and other forms of protection (hereinafter "Patents") thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by the Assignors to have been received in full from said Assignee:

1. The Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents covering the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted, covering the Invention, in any and all countries and groups of countries, including each and every Application filed and each and every

Patent granted on any application which is a division, substitution, or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.

The Assignors hereby covenant and agree to cooperate with the Assignee to 2.. enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering embodiments of the Invention; (d) for filing and prosecuting applications for reissuance of any of the Patents; (e) for interference or other priority proceedings involving the Invention; and (f) for legal proceedings involving the Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions.

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- 3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives, and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.
- 4. The Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. The Assignors further hereby authorize Assignee or its attorneys or agents, to insert the correct Application Number and Filing Date into this Assignment, if none is indicated on the date of my execution of this agreement.

IN WITNESS WHEREOF, the Assignors have executed and delivered this instrument to the Assignee on the date indicated below.

BY: TLAN, Ye DATED: September 6.202

BY: SHI, Fong DATED: Septemberb, WM
SHI, Fong

BY: ZHOU GUONGGI DATED: September 6,20

4831-3057-8660, v. 1

BY: <u>SONG, Ci</u> SONG, Ci DATED: September 6,2021

BY: TE, Guipeng
TIE, Guipeng

DATED: September 6.2021

BY: ZHOV, Gang ZHOU, Gang DATED: September 6.2021