507071193 01/12/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7118028

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ERROR IN THE ASSIGNEE NAME IT SHOULD BE CHINA NOT CHINA: PLEASE REMOVE THE COLON AFTER CHINA previously recorded on Reel 058484 Frame 0581. Assignor(s) hereby confirms the CORRECT ASSIGNEE NAME SHOULD BE NORTH UNIVERSITY OF CHINA.

CONVEYING PARTY DATA

Name	Execution Date
TIEHUA MA	10/28/2021
YANBING ZHANG	10/28/2021
YAOYAN WU	10/28/2021
CHANGXIN CHEN	10/28/2021
BIN JIAO	10/28/2021

RECEIVING PARTY DATA

Name: NORTH UNIVERSITY OF CHINA	
Street Address: 3 XUEYUAN ROAD, JIANCAOPING DISTRICT	
City:	TAIYUAN, SHANXI PROVINCE
State/Country:	CHINA
Postal Code:	030051

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17553014

CORRESPONDENCE DATA

Fax Number: (714)453-9824

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.

Phone: (714) 453-9824

Email: docketing@lozaip.com, angela.martinez@lozaip.com

Correspondent Name: LOZA & LOZA LLP

Address Line 1: 305 NORTH SECOND AVE., #127
Address Line 4: UPLAND, CALIFORNIA 91786-6064

ATTORNEY DOCKET NUMBER:	ZLG-1011
NAME OF SUBMITTER:	MICHAEL FEDRICK
SIGNATURE:	/Michael Fedrick/
DATE SIGNED:	01/12/2022

PATENT 507071193 REEL: 058704 FRAME: 0693

Total Attachments: 4

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PATENT REEL: 058704 FRAME: 0694

507047159 12/27/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7093997

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIEHUA MA	10/28/2021
YANBING ZHANG	10/28/2021
YAOYAN WU	10/28/2021
CHANGXIN CHEN	10/28/2021
BIN JIAO	10/28/2021

RECEIVING PARTY DATA

Name:	NORTH UNIVERSITY OF CHINA: CHINA	
Street Address:	3 XUEYUAN ROAD, JIANCAOPING DISTRICT	
City:	TAIYUAN, SHANXI PROVINCE	
State/Country: CHINA		
Postal Code:	030051	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17553014

CORRESPONDENCE DATA

Fax Number: (714)453-9824

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.

Phone: (714) 453-9824

Email: docketing@lozaip.com, angela.martinez@lozaip.com

Correspondent Name: LOZA & LOZA LLP

Address Line 1: 305 NORTH SECOND AVE., #127
Address Line 4: UPLAND, CALIFORNIA 91786-6064

ATTORNEY DOCKET NUMBER:	ZLG-1011
NAME OF SUBMITTER:	MICHAEL FEDRICK
SIGNATURE:	/Michael Fedrick/
DATE SIGNED:	12/27/2021

Total Attachments: 3

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PATENT REEL: 058704 FRAME: 0695

ASSIGNMENT

WHEREAS, the following individual(s) ("Inventors") have invented certain new and useful improvements:

以下的发明人发明抹一些新的技术:

Inventor (发明人) 1: Tiehua MA

Address (地址):

3 Xueyuan Road, Jiancaoping District, Taiyuan City, Shanxi

Province, 030051, China

Inventor (发明人) 2:

Yanbing ZHANG

Address (地址):

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Province, 030051, China

Inventor (发明人) 3:

Yaoyan WU

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Province, 030051, China

Inventor (发明人) 4:

Changxin CHEN

Address (地址):

3 Xueyuan Road, Jiancaoping District, Taiyuan City, Shanxi

Province, 030051, China

Inventor (发明人) 5: Bin JIAO

Address (地址):

3 Xueyuan Road, Jiancaoping District, Taiyuan City, Shanxi

Province, 030051, China

WHEREAS, such improvements are disclosed in the following patent applications: 技术是在以下的专利申请描述在:

Chinese Patent Application No. (中國专利申请号): 202011511353.X

Filed (申请日): December 18, 2020 (2020年12月18日)

AND WHEREAS, the following legal entity (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignee"), wants to acquire the entire right, title and interest in and to said improvements and application and any patents which may be granted thereon:

以下法律实体希望拥有这项技术和专利权利的所有权:

Assignee (所有者):

North University of China

Address (地址):

3 Xueyuan Road, Jiancaoping District, Taiyuan City, Shanxi

Province, 030051, China

NOW, THEREFORE, for US\$1.00 or its equivalent and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Inventors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee their entire right, title and interest in and to said improvements and said application(s), including: all nonprovisional patent applications, divisions, substitutions, continuations and continuations-in-part of said application(s); all priority rights under the International Convention for the Protection of Industrial Property for every member country; all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements and/or claiming priority to said application(s) in any countries; and all patents (including all extensions, renewals, reexaminations, and reissues thereof) granted for said improvements in any country. The Inventors hereby authorize and request the officials whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment.

发明人已将权利分配给上姚所有者,包括所有专利,专利申请,专利申请延续,实用新型以及的权利, 繼及世界。

The Inventors hereby covenant that they have the full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, an agreement in conflict herewith.

发明人同意他们有权分配双些权利,并且他们没有冲突。

The Inventors hereby further covenant and agree that they will communicate to Assignee any facts known to them respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all nonprovisional, divisional, continuation, continuation-in-part, substitute and reissue applications, make all rightful caths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

发明人将尽一切可能帮助所有者获得并为实施适当的专利保护为所有国家。

IN WITNESS WHEREOF, the parties hereto have executed this agreement, which is provided in English with a partial translation for convenience into Chinese.

该协议以英文提供、部分翻译成中文为方便。

I declare (or certify, verify, or state) under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

根据美利坚台众国法律我证明前述内容真实无误。

Inventor 1 - Tiehua MA: Executed on: /0 -28 - 202/ Date (日期)	Tiehua MA Name (名称)
--	------------------------

Inventor 2 - Yanbing ZHANG:

Executed on: 10-78-7021	Yanbing ZHANG
Date (日期)	Name (名称)
Inventor 3 - Yaoyan WU:	
Executed on: 10-28-202	Yaoyan WU
Date (日期)	Name (名称)
Inventor 4 - Changxin CHEN:	
Executed on: 10 - 28 - 2021	Chrosen CHEN
Date (日期)	<u>Choropin CHEV</u> Name (名称)
Inventor 5 - Bin JIAO:	
Executed on: 10 - 28 - 202 Date (日期)	<u> </u>
Date (H. 181)	(America (Activity)
Assignee (所有者) - North Univers	sity of China;
Executed on: /0-28-202/	Tiehua MA
Date (日期)	Name (名称)
	dean Title (\$9(12)
	1360 (883) J