507367941 07/05/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7414864

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINGKE WANG	06/30/2022
SHUJUN WANG	07/05/2022
SHENJIAN QIAN	07/05/2022
YONG YANG	07/05/2022

RECEIVING PARTY DATA

Name:	METTLER-TOLEDO (CHANGZHOU) MEASUREMENT TECHNOLOGY LTD.
Street Address:	NO. 111 WEST TAIHU ROAD
Internal Address:	XINBEI DISTRICT, JIANGSU
City:	CHANGZHOU
State/Country:	CHINA
Postal Code:	213125
Name:	METTLER-TOLEDO (CHANGZHOU) PRECISION INSTRUMENTS LTD.
Street Address:	NO. 5 MIDDLE HUASHAN ROAD
Internal Address:	XINBEI DISTRICT, JIANGSU
City:	CHANGZHOU
State/Country:	CHINA
Postal Code:	213022
Name:	METTLER-TOLEDO INTERNATIONAL TRADING (SHANGHAI) CO., LTD.
Street Address:	PART C/3 FLOOR NO. 456, FUTE ROAD (N)
Internal Address:	CHINA (SHANGHAI) PILOT FREE TRADE ZONE
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	200131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17789855

CORRESPONDENCE DATA

Fax Number: (614)792-5536

PATENT REEL: 060395 FRAME: 0460

507367941

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: 6147925555

Email: standleydocketing@standleyllp.com
Correspondent Name: STANDLEY LAW GROUP LLP

Address Line 1: 6300 RIVERSIDE DRIVE
Address Line 4: DUBLIN, OHIO 43017

ATTORNEY DOCKET NUMBER:	MTI1877-418
NAME OF SUBMITTER:	STEPHEN L. GRANT, REG. NO. 33,390
SIGNATURE:	/Stephen L Grant, RegNo33390/
DATE SIGNED:	07/05/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page1.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page2.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page3.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page4.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page5.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page6.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page7.tif source=SignedCombinedAssignmentsAndDeclarations_MTI1877-418#page8.tif

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of Invention	KEY DETERMINATION METHOD FOR METAL KEY
	DECLARATION
As the below na	med inventor, I hereby declare that:
This declaration is directed to:	n The attached application, or
	United States application or PCT international application number PCT/CN2020/140518 filed on December 29, 2020.
The above-iden	ified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
	riedge that any willful false statement made in this declaration is punishable under 18 U.S.C. mprisonment of not more than five (5) years, or both.
	ASSIGNMENT
For at least one	U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby

For at least one U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Mettler-Toledo (Changzhou) Measurement Technology Ltd., a company organized under the laws of China, having an office at No. 111 West Taihu Road, Xinbei District, Changzhou, Jiangsu, 213125. China; Mettler-Toledo (Changzhou) Precision Instruments Ltd., a company organized under the laws of China, having an office at No. 5 Middle Huashan Road, Xinbei District, Changzhou, Jiangsu, 213022, China; and Mettler-Toledo International Trading (Shanghai) Co., Ltd., a company organized under the laws of China, having an office at Part C/3 Floor No. 458, Fute Road (N), China (Shanghai) Pilot Free Trade Zone, Shanghai, 200131, China (hereinafter referred to as the Assignee) my entire right, title and interest, together with all rights of priority, in and to the invention set forth in the above-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, title and interest, together with all rights of priority, in and to my invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

I authorize the Assignee to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in the Assignee's name.

I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any

Assignee, its successors, assigns or other legal representatives. I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee. LEGAL NAME OF INVENTOR Jingke Wang Inventor: Wang Date: Signature: Note: An application data sheet (PTO/SB/14 or equivalent), including haming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor. Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below. OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee. Optional (but advisable) witness signatures: Witness One Printed Full Legal Name: Date: Witness Two Printed Full Legal Name: Date: Or, optional (but advisable) notarization: STATE OF COUNTY OF SS. Before me personally appeared to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this _____ day of _____ (seal) Notary Public

patents issuing thereon are hereby assigned to the Assignee. I will make all rightful caths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
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	DECLARATION
As the below named inventor, I hereby declare that:	
This declaration The attached application, or is directed to:	
	United States application or PCT international application number PCT/CN2020/140518 filed on December 29, 2020.
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I 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.	
ASSIGNMENT	

For at least one U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Mettler-Toledo (Changzhou) Measurement Technology Ltd., a company organized under the laws of China, having an office at No. 111 West Taihu Road, Xinbei District, Changzhou, Jiangsu, 213125, China; Mettler-Toledo (Changzhou) Precision Instruments Ltd., a company organized under the laws of China, having an office at No. 5 Middle Huashan Road, Xinbei District, Changzhou, Jiangsu, 213022, China; and Mettler-Toledo International Trading (Shanghai) Co., Ltd., a company organized under the laws of China, having an office at Part C/3 Floor No. 456, Fute Road (N), China (Shanghai) Pilot Free Trade Zone, Shanghai, 200131, China (hereinafter referred to as the Assignee) my entire right, title and interest, together with all rights of priority, in and to the invention set forth in the above-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, title and interest, together with all rights of priority, in and to my invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

I authorize the Assignee to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in the Assignee's name.

I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any

patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives. I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee. LEGAL NAME OF INVENTOR Shujun Wang Inventor: Wang Shujun Date: Signature: Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor. Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee. Optional (but advisable) witness signatures: Witness One Printed Full Legal Name: Signature: _____ Date: Witness Two Printed Full Legal Name: Signature: Or, optional (but advisable) notarization: STATE OF STATE OF SS. Before me personally appeared _______, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this _____ day of _____ (seal) Notary Public

DESIGN A	PPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	KEY DETERMINATION METHOD FOR METAL KEY
	DECLARATION
As the below na	med inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
×	X United States application or PCT international application number PCT/CN2020/140518 filed on December 29, 2020.
The above-iden	lified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknow 1001 by fine or i	riedge that any willful false statement made in this declaration is punishable under 18 U.S.C. mprisonment of not more than five (5) years, or both.
	ASSIGNMENT
acknowledged, I a company organ Changzhou, Jian organized under Jiangsu, 213022 under the laws of Trade Zone, Sha together with all rhereby sell, assigin and to my inveincluding division from any of these patents issuing o invention.	J.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby hereby sell, assign and transfer to Mettler-Toledo (Changzhou) Measurement Technology Ltd., nized under the laws of China, having an office at No. 111 West Taihu Road, Xinbei District, gsu, 213125, China; Mettler-Toledo (Changzhou) Precision Instruments Ltd., a company the laws of China, having an office at No. 5 Middle Huashan Road, Xinbei District, Changzhou, China; and Mettler-Toledo International Trading (Shanghai) Co., Ltd., a company organized f China, having an office at Part C/3 Floor No. 456, Fute Road (N), China (Shanghai) Pilot Free nghai, 200131, China (hereinafter referred to as the Assignee) my entire right, title and interest, ights of priority, in and to the invention set forth in the above-identified application. I further an and transfer to the Assignee my entire right, title and interest, together with all rights of priority, ntion as described and/or claimed in any and all applications for patents based on the invention, als, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting a patent applications, as well as all foreign counterparts and extensions thereof, together with all nany of these applications for the full terms of all of the patents which may be granted on the
I authorize the As invention in the U	signee to make applications for, to prosecute such applications, and to receive patents for the nited States and any foreign countries, in the Assignee's name.

I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further

consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any

patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee.

LEGAL NAME OF INVENTOR

Inventor: Shenjian Qian
Signature:

Date: 7/5/2022

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor.

Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor.

signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee. Optional (but advisable) witness signatures: Witness One Printed Full Legal Name: Signature: Date: _____ Witness Two Printed Full Legal Name: Signature: Date: Or, optional (but advisable) notarization: STATE OF STATE OF :: SS. Before me personally appeared ____ ... to me known to be the same same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this _____ day of _____ (seal) Notary Public

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OF DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
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As the below named inventor, I hereby declare that:
This declaration is directed to:
United States application or PCT international application number PCT/CN2020/140518 filed on December 29, 2020.
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I 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.
ASSIGNMENT
For at least one U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Mettler-Toledo (Changzhou) Measurement Technology Ltd., a company organized under the laws of China, having an office at No. 111 West Taihu Road, Xinbei District, Changzhou, Jiangsu, 213125, China; Mettler-Toledo (Changzhou) Precision Instruments Ltd., a company organized under the laws of China, having an office at No. 5 Middle Huashan Road, Xinbei District, Changzhou, Jiangsu, 213022, China; and Mettler-Toledo International Trading (Shanghai) Co., Ltd., a company organized under the laws of China, having an office at Part C/3 Floor No. 456, Fute Road (N), China (Shanghai) Pilot Free Trade Zone, Shanghai, 200131, China (hereinafter referred to as the Assignee) my entire right, title and interest, together with all rights of priority, in and to the invention set forth in the above-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, title and interest, together with all rights of priority, in and to my invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.
I authorize the Assignee to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in the Assignee's name.
I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any

Standley Law Group LLP Attorney Docket No. MTI1877-418

patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives. I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee. **LEGAL NAME OF INVENTOR** Inventor: Yong Yang Signature: Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor,

Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the atternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee. Optional (but advisable) witness signatures: Witness One Printed Full Legal Name: Signature: Date: ____ Witness Two Printed Full Legal Name: Signature: Date: Or, optional (but advisable) notarization: STATE OF :: SS. Before me personally appeared _______ to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this _____ day of _____ (seal) Notary Public

RECORDED: 07/05/2022

REEL: 060395 FRAME: 0469

PATENT