#### 507152514 03/01/2022

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7199358

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YANG LIU	02/22/2022
QIAN MIAO	02/22/2022
NING CUI	02/22/2022

#### **RECEIVING PARTY DATA**

Name:	me: HARBIN INSTITUTE OF TECHNOLOGY	
Street Address:	NO. 92 XIDAZHI STREET, NANGANG DISTRICT	
City:	HARBIN	
State/Country:	CHINA	
Postal Code:	150001	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17676888

#### **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: jorlan@winstonip.cn

Correspondent Name: TRUE SHEPHERD, LLC

Address Line 1: 516N. DIAMOND BAR BLVD., #310
Address Line 4: DIAMOND BAR, CALIFORNIA 91765

ATTORNEY DOCKET NUMBER:	HGD0101UUS
NAME OF SUBMITTER:	ANDREW C. CHENG
SIGNATURE:	/Andrew C. Cheng, Reg. No. 60891/
DATE SIGNED:	03/01/2022

**Total Attachments: 3** 

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PATENT 507152514 REEL: 059124 FRAME: 0713

# ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

April 1997			
Attorney Docket Number	HGD0101UUS		
Title of Invention	SHORT-TRAVEL NANOSCALE MOTION STAGE AND METHOD FOR MEASURING THERMALLY-RELATED HYSTERESIS DATA		
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed lentified by the title above.	
WHEREAS	<b>i</b> ,	Harbin Institute of Technology	
having a po	ostal address of	No. 92 Xidazhi Street, Nangang District, Harbin, Heilongjiang Province 150001, China	
(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOF said inven- division, co	R, by these prese tion and applicat	, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion throughout the United States of America, including any and all patents granted on any uation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.	
prosecution additional of further conscious communical ASSIGNOF be required encompass	and maintenance locuments that ma sideration. ASSIG te to ASSIGNEE d's possession or l of ASSIGNOR in sed within the tern	regrees to execute any documents that legally may be required in connection with the filing, be of said application or any other patent applications in the United States for said invention, including any be required to affirm the rights of ASSIGNEE in and to said invention and application, all without NOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may respect of the prosecution, maintenance and defense of any patent application or patent as of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's ors and other legal representatives.	
referred to use and be which such	ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sol use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term fo which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.		
		es Practitioners associated with the Customer Number 75,866 to insert or complete any information iffect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL N.	AME OF ASSIGN	OR	
Assignor:	Yang LIU	Date: 02/22/2022	
Signature	/Yang LIU/		

PAGE 1 OF 3

## ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

No.				
Attorney Docket Number	HGD0101U	1UUS		
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ASSIGNOF said invent division, co	R, by these prese tion and applicat	, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion throughout the United States of America, including any and all patents granted on any uation-in-part, reexamination, and reissue of said application, whether granted in an initial or lereof.		
prosecution additional d further conscious communica ASSIGNOF be required encompass	n and maintenance locuments that ma sideration. ASSIG Ite to ASSIGNEE A's possession or I of ASSIGNOR in Sed within the tern	agrees to execute any documents that legally may be required in connection with the filing, e of said application or any other patent applications in the United States for said invention, including ay be required to affirm the rights of ASSIGNEE in and to said invention and application, all without INOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may a respect of the prosecution, maintenance and defense of any patent application or patent as of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's ors and other legal representatives.		
referred to use and be which such	above to ASSIGN hoof, and for the	authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents IEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for ranted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment		
		es Practitioners associated with the Customer Number 75,866 to insert or complete any information effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL N	AME OF ASSIGN	OR		
Assignor:	Qian MIAO	Date: 02/22/2022		
	/Qian MIAO	<i>{</i>		

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## ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

1			
Attorney Docket Number	HGD0101UUS		
Title of Invention	SHORT-TRAVEL NANOSCALE MOTION STAGE AND METHOD FOR MEASURING THERMALLY-RELATED HYSTERESIS DATA		
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WHEREAS	j,	Harbin Institute of Technology	•
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(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, ti	tle, and interest in and to the same in the United States;
ASSIGNOF said inven division, co	R, by these prese tion and applicat	ents does sell, assign and transfer unto tion throughout the United States of Ar uation-in-part, reexamination, and reissue	receipt and adequacy of which is hereby acknowledged, o ASSIGNEE, the entire right, title, and interest in and merica, including any and all patents granted on any of said application, whether granted in an initial or
prosecution additional of further cons communica ASSIGNOF be required encompass	n and maintenance locuments that ma sideration. ASSIG Ite to ASSIGNEE A's possession or I of ASSIGNOR in Sed within the tern	e of said application or any other patent a ay be required to affirm the rights of ASSI NOR also agrees, without further conside at ASSIGNEE's request documents and control, and to provide further assurance respect of the prosecution, maintenance	ally may be required in connection with the filing, applications in the United States for said invention, including GNEE in and to said invention and application, all without eration and at ASSIGNEE's expense, to identify and information concerning the invention that are within is and testimony on behalf of ASSIGNEE that lawfully may and defense of any patent application or patent tions under this instrument shall extend to ASSIGNOR's
referred to use and be which such	above to ASSIGN hoof, and for the	EE, as the ASSIGNEE of the entire right, use and behoof of ASSIGNEE's legal rep	er of Patents and Trademarks to issue any and all patents title and interest in and to the same, for ASSIGNEE's sol resentatives and successors, to the full end of the term fo would have been held by ASSIGNOR had this assignment
		es Practitioners associated with the Custo ffect its recordal in the U.S. Patent and T	omer Number 75,866 to insert or complete any information rademark Office and to record the same.
LEGAL N.	AME OF ASSIGN	OR	
Assignor	Ning CUI		Date: 02/22/2022
Signature	/Ning CUI/		

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**PATENT REEL: 059124 FRAME: 0716** 

**RECORDED: 03/01/2022**