506006316 04/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6053027

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QING WANG	03/04/2019
JINTAO ZHANG	03/04/2019
RUI ZHANG	03/04/2019
XU ZHENG	03/04/2019
LIJUN MA	03/04/2019
XINGYUAN ZHANG	03/04/2019
WENQUAN DU	03/04/2019

RECEIVING PARTY DATA

Name:	SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	
Street Address: NO.579, QIANWANGANG ROAD, HUANGDAO DISTRICT		
City:	QINGDAO, SHANDONG	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16370927

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.

Phone: 9175880481

Email: tonyhom@live.com

Correspondent Name: TONY HOM Address Line 1: 81 70TH ST

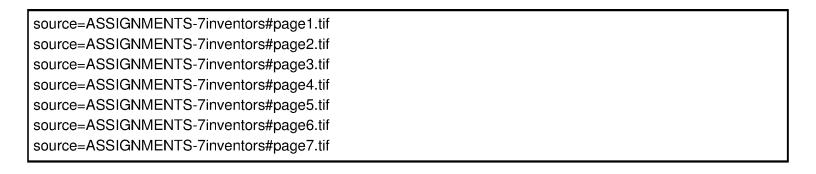
Address Line 4: BROOKLYN, NEW YORK 11209

ATTORNEY DOCKET NUMBER:	WK19-TCD-SDKJ-US-1018
NAME OF SUBMITTER:	TONY HOM
SIGNATURE:	/Tony Hom/
DATE SIGNED:	04/08/2020

Total Attachments: 7

PATENT REEL: 052350 FRAME: 0227

506006316



PATENT REEL: 052350 FRAME: 0228

Attomey Docket Number	WK19-TCD-SDKJ-US-1018		
Title of Invention	MOLD WITH CAVITIES FOR NANOIMPRINT LITHOGRAPHY AND METHOD OF IMPRINTING SAME		
WHEREAS Invertion in WHEREAS	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the life above. SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY		
having a po	stal address of Wang Qing No.579, Qianwangang Road, Huangdao District Qingdao, Shandong 266590 , China		
ASSIGNOR, said inventi- division, conf	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States; V. THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, by these presents does self, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to on and application throughout the United States of America, including any and all patents granted on any thoustion, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or		
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's passession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.			
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 sole 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.			
ASSIGNOR authorizes Practilioners associated with the Customer Number 133,035 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.			
LEGAL NAME OF ASSIGNOR			
Assignor:	WANG, Qing Date: 03/04/2019		
Signature: Q. Ward			

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Attorney Docket Number	WK19-TCD-SDKJ-US-1018	
Title of Invention	MOLD WITH CAVITIES FOR NANOIMPRINT LITHOGRAPHY AND METHOD OF IMPRINTING SAME	
WHEREAS,	stal address of Wang Qing No.579, Qianwanoang Road, Huangdeo Dietnet Qianda, Stall Communication of the Communicat	
NOV ASSIGNOR, said inventi	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States; V. THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to	
division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof. ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filling, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within the required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument, ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.		
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 sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for and sale not been made.		
ASSIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL NAME OF ASSIGNOR		
Assignor:	ZHANG, Jintao 03/04/2019	
Signature;	Jintao 2 hang	

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Attorney Docket Number	WK19-TCD-SDKJ-US-1018		
Title of Invention	MOLD WITH CAVITIES FOR NANOIMPRINT LITHOGRAPHY AND METHOD OF IMPRINTING SAME		
WHEREAS, invention in WHEREAS,	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a daimed he application identified by the title above. SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY		
having a pos	tal address of Wang Qing No.579, Qianwangang Road, Huangdao District Qingdao, Shandong 266590, China		
ASSIGNOR, said invention division, continuous applementa ASSI prosecution a additional do turther consist communicate ASSIGNOR: be required o encompasser	s ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States; THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to make application throughout the United States of America, including any and all patents granted on any examination, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or examination thereof. SNOR hereby agrees to execute any documents that tegally may be required in connection with the filling, and maintenance of said application or any other patent applications in the United States for said invention, including uments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without to ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's expense.		
ASSM referred to ab use and beho which such pa and sale nor t	NOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents ave to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole if, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for tent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment seen made.		
in this docume	NOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information nt needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL NAM	E OF ASSIGNOR		
Assignor	ZHANG, Rui 03/04/2019		
Signature: Pui Zhang			

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Atiorney Docket Number	WK19-TCD-SDKJ-US-1018	
Title of Invention	MOLD WITH CAVITIES FOR NANOIMP SAME	RINT LITHOGRAPHY AND METHOD OF IMPRINTING
WHEREAS invention in WHEREAS.		inal joint inventor (referred to as ASSIGNOR below) of a claimed
	stal address of	ang Road, Huangdao District Qingdao, Shandong
ASSIGNOR, said Invention, continuous, continuous, continuous, continuous, continuous, communicate ASSIGNOR's be required to abuse and belies which such pand sale not be ASSIGNOR's communicate ASSIGNOR's be required to abuse and belies and sale not be ASSIGNOR's continuous, continuo	V. THEREFORE, for good and valuable consideral by these presents does sell, assign and trans on and application throughout the United State linuation, continuation-in-part, reexamination, and il examination thereof. GNOR hereby agrees to execute any documents and maintenance of said application or any origins of cuments that may be required to affirm the rights of the ASSIGNEE at ASSIGNEE's request documents to ASSIGNOR also agrees, without further or to ASSIGNEE at ASSIGNEE's request documents to a serious and to provide further assist ASSIGNOR in respect of the prosecution, mainted the serious administrators and other legal representatives and mainted to a serious street and the serious of the entire of the ASSIGNEE and the committed of the use and behoof of ASSIGNEE's legatent may be granted, as fully and entirely as the serious made.	issioner of Patents and Trademarks to issue any and all patents a right, title and interest in and to the same, for ASSIGNEE's sole all representatives and successors, to the full end of the term for ame would have been held by ASSIGNOR had this assignment
LEGAL NAM Assignor:	E OF ASSIGNOR ZHENG, Xu	03/04/2019
Signature	Xu Zheng	Daile: 00/04/2019

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1			
Attorney Docket Number	WK19-TCD-SDKJ-US-1018		
Title of Invention	MOLD WITH CAVITIES FOR NANOIMPRINT LITHOGRAPHY AND METHOD OF IMPRINTING SAME		
WHEREAS invention in WHEREAS	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above. SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY		
having a po-	stal address of		
	Weng Qing No.579, Qianwangang Road, Huangdao District Qingdao, Shandong 266590, China		
(referred to a	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;		
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does self, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to division, continuation throughout the United States of America, including any and all patents granted on any supplemental examination thereof.			
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's			
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, fille 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 sind sale not been made.			
ASSIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.			
LEGAL NAN	IE OF ASSIGNOR		
Assignor:	MA, Lijun 03/04/2019		
Signature: MA, Lijun			

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1		
Attorney Docket Number	WK19-TCD-SDKJ-US-1016	
Title of Invention	MOLD WITH CAVITIES FOR NANOIMPRINT LITHOGRA	APHY AND METHOD OF IMPRINTING
WHEREAS invention in WHEREAS	 I believe that I am the original inventor or an original joint inventor (rather application identified by the title above. SHANDONG UNIVERSITY OF SCIENCE AND 	eferred to as ASSIGNOR below) of a claimed TECHNOLOGY
having a po	ostal address of	
	Wang Qing No.579, Qianwangang Road, Huan China	gdao District Qingdao, Shandong 266590,
(referred to a	as ASSIGNEE below) desires to acquire the entire right, title, and inte	rest in and to the same in the Linked Comm.
NOV ASSIGNOR, said Inventi division, con	W. THEREFORE, for good and valuable consideration, the receipt and to by these presents does sell, assign and transfer unto ASSIGNE ion and application throughout the United States of America, including the continuation, continuation-in-part, reexamination, and reissue of said appeal examination thereof.	d adequacy of which is hereby acknowledged, E, the entire right, title, and interest in and to
additional do further conside communicate ASSIGNOR's encompassed encompassed	GIGNOR hereby agrees to execute any documents that legally may be and maintenance of said application or any other patent applications occuments that may be required to affirm the rights of ASSIGNEE in an ideration. ASSIGNOR also agrees, without further consideration and a e to ASSIGNEE at ASSIGNEE's request documents and information is possession or control, and to provide further assurances and testim of ASSIGNOR in respect of the prosecution, maintenance and defensed within the terms of this instrument. ASSIGNOR's obligations under tors, administrators and other legal representatives.	If the United States for said invention, including id to said invention and application, all without if ASSIGNEE's expense, to identify and concerning the invention that are within only on behalf of ASSIGNEE that lawfully may.
ase and beho	IGNOR nereby authorizes and requests the Commissioner of Patents bove to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest, and for the use and behoof of ASSIGNEE's legal representatives latent may be granted, as fully and entirely as the same would have been made.	new in and to the same, for ASSIGNEE's colo 1
ASSIC n this docume	GNOR authorizes Practitioners associated with the Customer Number tent needed to effect its recordal in the U.S. Patent and Trademark Of	r 133,035 to insert or complete any information fice and to record the same.
LEGAL NAM	ME OF ASSIGNOR	
Assignor:	ZHANG, Xingyuan Date:	03/04/2019
Signature:	Xing yuan Zhang	

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Attorney	2 - 200	
Docket Number	WK19-TCD-SDKJ-US-1018	
Title of Invention	MOLD WITH CAVITIES FOR NANOIMPRII SAME	NT LITHOGRAPHY AND METHOD OF IMPRINTING
WHEREAS, invertion in WHEREAS,	SHANDONG UNIVERSITY OF S	joint inventor (referred to as ASSIGNOR below) of a claimed CIENCE AND TECHNOLOGY
having a pos	stal address of	
	Wang Qing No.579, Qianwangan China	g Road, Huangdao District Qingdao, Shandong 266590,
(referred to a	ss ASSIGNEE below) desires to acquire the entire rig	int, title, and interest in and to the same in the United States,
said invention division, con-	OB and application throughout the living Course	i, the receipt and adequacy of which is hereby acknowledged, unto ASSIGNEE, the entire right, title, and interest in and to of America, including any and all patents granted on any ssue of said application, whether granted in an initial or
additional do- further consider communicate ASSIGNOR's encompasses	cuments that may be required to affirm the rights of A feration. ASSIGNOR also agrees, without further con to ASSIGNEE at ASSIGNEE's request documents a possession or control, and to provide further assura of ASSIGNOR in respect of the provider agreement.	It legally may be required in connection with the filing, ent applications in the United States for said invention, including ASSIGNEE in and to said invention and application, all without is ideration and at ASSIGNEE's expense, to identify and and information concerning the invention that are within inces and testimony on behalf of ASSIGNEE that lawfully may ince and defense of any patent application or patent bligations under this instrument shall extend to ASSIGNOR's
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, little 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 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.		
ASSIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL NAM	E OF ASSIGNOR	
Assignor	DU, Wenquan	Date:03/04/2019
Signature:	Wenquan Du	

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PATENT REEL: 052350 FRAME: 0235