504146432 12/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4186278

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIGUI YANG	12/08/2016
XINQIANG NIU	12/08/2016
LIJUN SU	12/08/2016
BAIXING LIU	12/08/2016
LIXIN LIU	12/08/2016
XIN ZHAO	12/08/2016
XUEHONG YANG	12/08/2016
FENG LI	12/08/2016
XIA HUA	12/08/2016
XUEXIAN ZHU	12/08/2016
QIANLONG HAN	12/08/2016
XIAO PAN	12/08/2016
HAIBO LIU	12/08/2016

RECEIVING PARTY DATA

Name:	CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.
Street Address:	NO. 1863, JIEFANG AVENUE, JIANGAN DISTRICT
City:	WUHAN
State/Country:	CHINA
Postal Code:	430010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15376634

CORRESPONDENCE DATA

504146432

Fax Number: (888)259-9223

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: 8882599211 X2330

Email: USPTORECEIPT@GMAIL.COM

Correspondent Name: MATTHIAS SCHOLL
Address Line 1: 14781 MEMORIAL DRIVE

REEL: 040738 FRAME: 0900

PATENT

	TE 1319 JSTON, TEXAS 77079
ATTORNEY DOCKET NUMBER:	WHKY-18901-UUS
NAME OF SUBMITTER:	LARRY CHEN
SIGNATURE:	/Larry Chen/
DATE SIGNED:	12/14/2016
Total Attachments: 13	
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source=WHKY-18901-UUS Assignme	nt#page4.tif

source=WHKY-18901-UUS_Assignment#page2.tif source=WHKY-18901-UUS_Assignment#page3.tif source=WHKY-18901-UUS_Assignment#page4.tif source=WHKY-18901-UUS_Assignment#page5.tif source=WHKY-18901-UUS_Assignment#page6.tif source=WHKY-18901-UUS_Assignment#page7.tif source=WHKY-18901-UUS_Assignment#page8.tif source=WHKY-18901-UUS_Assignment#page9.tif source=WHKY-18901-UUS_Assignment#page10.tif source=WHKY-18901-UUS_Assignment#page11.tif source=WHKY-18901-UUS_Assignment#page12.tif source=WHKY-18901-UUS_Assignment#page13.tif

PATENT REEL: 040738 FRAME: 0901

Attorney Docket Number	WHKY-18901-UUS		
Title of Invention	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT		
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed lentified by the title above.	
WHEREAS	,	CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.	
having a po	stal address of	No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010	
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOR said invent division, cor	NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any 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 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 heirs, executors, administrators and other legal representatives.			
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		es Practitioners associated with the Customer Number 33,794 to insert or complete any information iffect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL NA	AME OF ASSIGN	OR	
Assignor:	Qigui YANG	Date: 12/08/2016	
Signature:	Yang Q	igui	

PAGE 1 OF 13

Attorney Docket Number	WHKY-18901-UUS		
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LEGAL NA	AME OF ASSIGN	OR	
Assignor:	Xinqiang NIU	Date: 12/08/2016	
Signature:	<u> N</u> IU	Xīngiang	

PAGE 2 OF 13

Attorney Docket Number	WHKY-18901-UUS		
Title of Invention	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT		
	WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.		
WHEREAS,		CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.	
having a po	stal address of	No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010	
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NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
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		es Practitioners associated with the Customer Number 33,794 to insert or complete any information iffect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL NA	AME OF ASSIGN	OR	
Assignor:	Lijun SU	Date: 12/08/2016	
Signature:	Su UTU	40	

PAGE 3 OF 13

Attorney Docket Number	WHKY-18901-UUS		
Title of Invention	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT		
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.	
WHEREAS,		CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.	
having a po	stal address of	No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010	
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ASSIGNOR said invent division, cor	NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.		
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	ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 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 NA	AME OF ASSIGN	OR	
Assignor:	Assignor: Baixing LIU Date: 12/08/2016		
Signature: Line Bai King			

PAGE 4 OF 13

Attorney Docket Number	WHKY-18901-UUS		
Title of Invention			
WHEREAS invention in	, I believe that I a the application ic	om the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.	
WHEREAS	,	CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.	
having a po	stal address of	No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010	
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LEGAL NA	AME OF ASSIGN	OR	
Assignor:	Date: 12/08/2016		
Signature:	LiuLi	Xin	

PAGE 5 OF 13

Attorney Docket Number	WHKY-18901-UUS		
	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT		
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prosecution additional di- further cons communicat ASSIGNOR be required encompasse	and maintenance ocuments that maideration. ASSIGNEE to ASSIGNEE is possession or of ASSIGNOR in ed within the term	agrees to execute any documents that legally may be required in connection with the filing, as 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.	
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LEGAL NA	ME OF ASSIGN	OR	
Assignor:	Xin ZHAO	12/08/2016	
Signature:	2ha	io Xin	

PAGE 6 OF 13

Attorney Docket Number	WHKY-18901-UUS		
Title of Invention	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT		
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ASS in this docu	SIGNOR authorize ment needed to e	es Practitioners associated with the Customer Number 33,794 to insert or complete any information iffect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL NA	AME OF ASSIGN	OR	
Assignor:	Xuehong YAI	NG12/08/2016	
Signature:	yang	Ywehong	

PAGE 7 OF 13

Attorney Docket Number	WHKY-18901-UUS		
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LEGAL NA	ME OF ASSIGN	OR .	
Assignor:	Feng LI	Date: 12/08/2016	
Signature:	<u>Life</u>	ng	

PAGE 8 OF 13

Attorney Docket Number	WHKY-18901-UUS	
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		es Practitioners associated with the Customer Number 33,794 to insert or complete any information ffect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	AME OF ASSIGNO	DR
Assignor:	Xia HUA	Date:1\(\frac{1}{2}\)\(\sigma \)
Signature: HUA Xix		

PAGE 9 OF 13

Attorney Docket Number	WHKY-18901-UUS	
Title of Invention		JCTION LAYOUT FOR CAVERNS OF UNDERGROUND POWER PLANT
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.
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LEGAL NA	ME OF ASSIGNO	OR
Assignor: _	Xuexian ZHU	Date: 1408/71b
Signature:		

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Attorney Docket Number	WHKY-18901-UUS	
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		um the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.
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having a po		No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	elow) 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 sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, 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 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 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 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 33,794 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 NA	AME OF ASSIGN	
Assignor:	Qianlong HA	N Date:
Signature:	How Qia	nlong

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Attorney Docket Number	WHKY-18901-UUS		
Title of Invention	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT		
WHEREAS invention in	, I believe that I a the application id	m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed lentified by the title above.	
WHEREAS	stal address of	CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.	
having a po		No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010	
(referred to	as ASSIGNEE be	elow) 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 sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
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ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 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 NA	ME OF ASSIGNO	OR ·	
Assignor:	Xiao PAN	Date: 1408/1016	
Signature: PAN XIGO			

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Attorney Docket Number	WHKY-18901-UUS	
Title of Invention	CONSTRUCTION LAYOUT FOR CAVERNS OF UNDERGROUND NUCLEAR POWER PLANT	
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.
WHEREAS	s, ostal address of	CHANGJIANG SURVEY PLANNING DESIGN AND RESEARCH CO., LTD.
having a po		No.1863, Jiefang Avenue, Jiangan District, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	t, 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.
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LEGAL NA	AME OF ASSIGN	OR
Assignor:	Haibo LIU	Date: 12/08/2016
Signature: <u>Jiu Haibo</u>		

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PATENT REEL: 040738 FRAME: 0914