505575553 07/17/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Genchang YANG	07/01/2019
Qingtao YANG	07/01/2019
Zhiping LIU	07/01/2019

RECEIVING PARTY DATA

Name:	LUOYANG JIANGUANG SPECIAL EQUIPMENT CO., LTD
Street Address:	NO. 6, ANKANG ROAD, HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE
City:	LUOYANG, HENAN
State/Country:	CHINA
Postal Code:	471000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16478587

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

703-836-6400 Phone: Email: email@oliff.com **Correspondent Name: GANG LUO** Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 187273 NAME OF SUBMITTER: VARSHA RAVICHANDRAN SIGNATURE: /Varsha Ravichandran/ **DATE SIGNED:** 07/17/2019

Total Attachments: 2

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> **PATENT REEL: 049777 FRAME: 0020**

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ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Genchang YANG)	(2)	Qingtao YANG	
(1-8)	Legal Name(s)	(3)	Zhiping LIU		(4)		
	of Inventor(s)	(5)		:	(6)		
		(7)	***		(8)	1	
		the un	sideration of the sur dersigned, the receip , and hereby does as	pt and sufficiency	y of which are f	r good and valuable consideration paid to each of sereby acknowledged, each undersigned agrees to	
(9)	Insert Name of Assignce	(9)	LUOYANG JIANGUANG SPECIAL EQUIPMENT CO., LTD				
(10)	Insert Address of Assignce No. 6, Ankang Road, High-Tech Industrial Development Zone, Luoyang, CHINA					elopment Zone, Luoyang, Henan 471000,	
		the ent invent contin	ire right, title and in ion, and in all applic uation, international	nterest for the Un cations for patent I, substitute and r	ited States of A including any cissue applicati	etrs, successors, assigns and legal representatives, unerica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as	
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	AUTOMATIC D PETROLEUM C		EXTRACTIO	N AND TRANSPORTATION APPARATUS POR	
		(Attor	ney Docket No.	187273	t	iled on even date herewith or as	
(12)	Alternative Identification for	(12)	U.S. Application N	lumber			
	filed applications	filed					
	And the second of the control of the	Committee of the Commit				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also
 to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is hinding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I aim the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and an aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

PATENT REEL: 049777 FRAME: 0021

	In witness whereof, executed by the	undersigned on the date(s) opp	osite the undersigned name(s).	
Date	7019,7.1	Inventor Signature	Genehang YANG	(SEAL)
Date	2019.7.1	Inventor Signature	Qingtao VANG	(SEAL)
Date	2019.7-1	Inventor Signature	Zhiping/LIU	(SEAL)
Date		Inventor Signature	·	(SEAL)
Date		Inventor Signature		(SEAL)
Date	A 1.	Investor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither	This assignment should preferably be, then it should be signed before at least	signed before: (a) a Notary Publi two witnesses who also sign her	ic if within the U.S.A. (b) a U.S. Consul if outsi e:	de the U.S.A. I
Date		Witness		, th:
Date		Witness		

PATENT REEL: 049777 FRAME: 0022

RECORDED: 07/17/2019