508112669 09/11/2023

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	508016439

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CHENG ZHAI	07/14/2023
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18354221

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PATENT 508112669 REEL: 064866 FRAME: 0946

DATE SIGNED: 09/11/2023

Total Attachments: 2
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PATENT REEL: 064866 FRAME: 0947

SOLE/JOINT INVENTION
(U.S. Rights Only)
Attorney Docket No. 347-015-PPH

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), have	made an invention entitled:
LIQUID EXPLOSIVE FOR IN-SITU EXPLOSIVE F	RACTURING IN LOW-PERMEABILITY OIL	LFIELDS AND APPLICATION THEREOF
for which I/WE executed an application for Unite Letters Patent on		ı or filed an application for United States
WHEREAS. China University of Mining ar	nd Technology	
Nacibi Casepus, China University of Mining and Technology, No. 1 Univ		
(hereinafter referred to as Assignee), is desirous of for Conted States Letters Patent on this invention a		
NOW THEREFORE, be it known that, for good a sckcowledged, I/WE, as Assignor(s), have sold, a unto the Assignee, its lawful successors and assign and all divisions, and continuations thereof, and I/WE hereby authorize and request the for this invention to Assignee, its successors and a	ssigned, transferred, and set over, and do he ns, my/our entire right, title, and interest in a il Letters Patent of the United States which r e Director of Patents and Trademarks of the	reby sell, assign, transfer, and set over and to this invention and this application, nay be granted thereon, and all reissues United States to issue all Letters Patent
AND, I/WE HEREBY further covenant and agree successors and assigns, any facts known to me/us when called upon to do so, execute and deliver all Assignee, its successors and assigns, execute all d generally do everything possible to aid Assignee, invention in the United States, it being understood Assignee, its successors and assigns.	respecting this invention and testify in any l papers that may be necessary or desirable to ivisional, continuation, and reissue applicati its successors and assigns, to obtain and enfi	egal proceeding, sign all lawful papers o perfect the title to this invention in said ons, make all rightful oaths and bree proper patent protection for this
AND, I/WE HEREBY authorize and request my/o Alexandria, VA 22314 to insert here in parenthese and application number of said application when be	s (Application No. $18/354,221$, fil	P. 2000 Duke St., Suite 300, ed July 18, 2023) the filing date
IN TESTIMONY WHEREOF, I/We have hereunt	o set our hand(s).	
1. FOLE NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE (required)
Ning LUO	Nixi LUO	14/2/4,2023
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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), (I	hereinafter referred to as Assignor(s)), have made an	invention entitled:
LIQUID EXPLOSIVE FOR IN-SITU EXPLOSIVE F	RACTURING IN LOW-PERMEABILITY OILFIELDS	AND APPLICATION THEREO
for which I/WE executed an application for United Letters Patent on (Application	f States Letters Patent concurrently herewith or filed on No); and	an application for United States
WHEREAS, China University of Mining an	d Technology	
Nanhu Campus, Chine University of Mining and Technology, No.1 Unive	rsity Road, Guanshan District, Xuzhou, Jiangsu, China	
(hereinafter referred to as Assignee), is desirous of for United States Letters Patent on this invention a	f securing the entire right, title, and interest in and to and the Letters Patent to be issued upon this applicati	this invention, the application on;
acknowledged, I/WE, as Assignor(s), have sold, as unto the Assignee, its lawful successors and assign and all divisions, and continuations thereof, and all thereof; and I/WE hereby authorize and request the	nd valuable consideration the receipt of which from a ssigned, transferred, and set over, and do hereby sell, as, my/our entire right, title, and interest in and to this I Letters Patent of the United States which may be go e Director of Patents and Trademarks of the United S ssigns, in accordance with the terms of this Assignm	assign, transfer, and set over s invention and this application, ranted thereon, and all reissues states to issue all Letters Patent
successors and assigns, any facts known to me/us a when called upon to do so, execute and deliver all Assignee, its successors and assigns, execute all di generally do everything possible to aid Assignee, i	that I/We will, without further consideration, commi- respecting this invention and testify in any legal proc- papers that may be necessary or desirable to perfect visional, continuation, and reissue applications, mak its successors and assigns, to obtain and enforce prop- that any expense incident to the execution of such pa-	eeding, sign all lawful papers the title to this invention in said e all rightful oaths and er patent protection for this
AND, I/WE HEREBY authorize and request my/or Alexandria, VA 22314 to insert here in parentheses and application number of said application when k	ur attorney at Pilloff Passino & Cosenza LLP, 2000 is (Application No. <u>18/354,221</u> , filed <u>July</u> nown.	Duke St., Suite 300, 718, 2023) the filing date
IN TESTIMONY WHEREOF, I/We have bereunted	o set our hand(s).	
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RECORDED: 07/18/2023