506367928 11/23/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6414684

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAOWEN XING	09/27/2020
XIAHUI GUI	09/27/2020
SHIHAO DING	09/27/2020
MENGDI XU	09/27/2020
YIJUN CAO	09/27/2020
YOUFEI ZHANG	09/27/2020
YANGCHAO XIA	09/27/2020

RECEIVING PARTY DATA

Name:	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
Street Address:	SCIENCE ACADEMY OF CHINA UNIVERSITY OF MINING AND TECHNOLOGY
Internal Address:	NO. 1 UNIVERSITY ROAD, XUZHOU
City:	JIANGSU
State/Country:	CHINA
Postal Code:	221116

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17043600

CORRESPONDENCE DATA

Fax Number: (520)882-7643 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: 5208827623 Email: jgood@hayes-soloway.com NORMAN P. SOLOWAY Correspondent Name: 4640 E SKYLINE DRIVE Address Line 1: Address Line 4: **TUCSON, ARIZONA 85718 ATTORNEY DOCKET NUMBER:** JINGWEI DOP20US1680 NAME OF SUBMITTER: NORMAN P. SOLOWAY SIGNATURE: /norman p. soloway/

DATE SIGNED:	11/23/2020
Total Attachments: 7	
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source=assignments#page7.tif	

I, Yaowen XING of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. <u>17/1043 (200)</u>, filed <u>500.221, 2020</u>), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee:

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's sign	nature	Yaqwen	Xinla	Date	Jave 9.27
Full name:	Yaowen XI	ING			

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Date:	20/06	27	 Date:	2 020.	9.2)	7	

PATENT REEL: 054443 FRAME: 0404

I, Xiahui GUI of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 17/043, 1000, filed Sec. 29, 29, 1020), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

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IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's sig	according a construction	<u>641</u>		Date	2020.9.27	
Full name:	Xiahui GUI					^.
Witness:	Wei Li		Nitness: A	tone 1	41 ano	
Date:	<u></u>		Date:	2020.9.	<u>}</u>	

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I, Shihao DING of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. <u>17/043,000</u>, filed <u>500, 27, 7020</u>), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

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IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's s	signature	Shihao	DING	Date	Sentember 37, 2020
Full name:) DING		200° 600 9 08	

Witne	ess: Mei Li	Witne	ss: Me	.0	Waw	
Date:	<u></u>	Date:	2.00	7	8.37	·····
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PATENT REEL: 054443 FRAME: 0406

PATENT REEL: 054443 FRAME: 0407

ASSIGNMENT

l, Mengdi XU of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. <u>17</u>/<u>043</u>, <u>1000</u>, filed <u>540</u>, <u>29</u>, <u>2020</u>), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

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IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's sig Full name:	nature <u>Men</u> Mengdi XU	jdi XU	·····	Date <u>کوک</u> و	<u>. of. 2]</u>
Witness: Date:	Net L:	Wit Dat	ness: <u>Meng</u> e: <u>zeze</u>		

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I, Yijun CAO of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. <u>17/043.(acO</u>, filed <u>Sep. 29, 2020</u>), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

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Inventor's si	gnature	<u> </u>	10	1. 15.41 m. m. m. m. 15.11	Date	7020 9.27
Full name:	Yijun CAO	· · · · · · · · · · · · · · · · · · ·				·······
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	Nel L	<u>a</u>	Witness:		Wa	A 9
Date:	2020.9	<i>.</i>	Date:	2023	227	~
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I, Youfei ZHANG of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 17/043,1600, filed 54p.24,2020), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

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IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

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Witness:	Wei Li	Witness:	Meng	Wan	ş
Date:	(، ۹ ، محمد	Date:	2.034	9.27 1	

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I, Yangchao XIA of Jiangsu, China, having invented certain inventions and improvements in WIDE-SIZE-FRACTION FLOATATION SYSTEM AND PROCESS and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. <u>17/043/1800</u>, filed <u>540.29/0800</u>), for good and valuable consideration, the receipt of which is hereby acknowledged from CHINA UNIVERSITY OF MINING AND TECHNOLOGY a Chinese University having its principal place of business at Science Academy of China University of Mining and Technology, No. I University Road, Xuzhou, Jiangsu, <u>221116</u> China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

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Inventor's signatu Full name: Ya	ne <u>Yan johoo</u> ngchao XIA	XIA	Date	Lo10, 7. 17

Witness:	Wer Li	Witness:	Mens	Wang	
Date:	Te 9.0206	Date:	Sase	9 27	
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