

PATENT ASSIGNMENT COVER SHEET

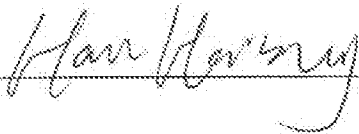
Electronic Version v1.1
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EPAS ID: PAT8135009

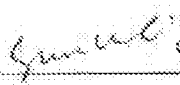
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAISHENG HAN	08/25/2023
WEI SUN	08/25/2023
YUEHUA HU	08/25/2023
RUOLIN WANG	08/25/2023
ZHAO WEI	08/25/2023
WENJUAN SUN	08/25/2023
LI WANG	08/25/2023
YUE YANG	08/25/2023
HONGHU TANG	08/25/2023
QINGPENG ZHANG	08/25/2023
LEI SUN	08/25/2023
RECEIVING PARTY DATA	
Name:	CENTRAL SOUTH UNIVERSITY
Street Address:	NO.932, LUSHAN SOUTH ROAD, YUELU DISTRICT
City:	CHANGSHA , HUNAN
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16693186
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	6175801293
Email:	qianqianwu2016@gmail.com
Correspondent Name:	QIANQIAN WU
Address Line 1:	64 BANK ST
Address Line 4:	ABINGTON, MASSACHUSETTS 02351
ATTORNEY DOCKET NUMBER:	WK19-XJS-ZNDX-US-1782

NAME OF SUBMITTER:	QIANQIAN WU
SIGNATURE:	/Qianqian WU/
DATE SIGNED:	08/25/2023
Total Attachments: 11 source=ASSIGNMENTS-11inventors-16693186#page1.tif source=ASSIGNMENTS-11inventors-16693186#page2.tif source=ASSIGNMENTS-11inventors-16693186#page3.tif source=ASSIGNMENTS-11inventors-16693186#page4.tif source=ASSIGNMENTS-11inventors-16693186#page5.tif source=ASSIGNMENTS-11inventors-16693186#page6.tif source=ASSIGNMENTS-11inventors-16693186#page7.tif source=ASSIGNMENTS-11inventors-16693186#page8.tif source=ASSIGNMENTS-11inventors-16693186#page9.tif source=ASSIGNMENTS-11inventors-16693186#page10.tif source=ASSIGNMENTS-11inventors-16693186#page11.tif	

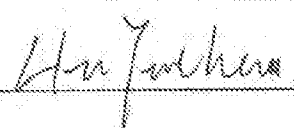
ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	WK19-XJS-ZNDX-US-1782
Title of Invention	SLOW-RELEASE INHIBITOR FOR HIGH-MAGNESIUM SULFIDE MINERAL FLOTATION AND APPLICATION THEREOF
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. Central South University WHEREAS, having a postal address of No.932, Lushan South Road, Yuelu District, Changsha , Hunan, China (referred to 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 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. 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 133,535 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: _____	HAN, Haisheng
Date: _____	11/14/2019
Signature: _____	

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LEGAL NAME OF ASSIGNOR	
Assignor	SUN, Wei
Date	11/14/2019
Signature	

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LEGAL NAME OF ASSIGNOR HU, Yuehua Assignor: _____ Date: 11/14/2019  Signature: _____	

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LEGAL NAME OF ASSIGNOR	
Assignor: <u>WANG Ruolin</u> Date: <u>11/14/2019</u>	
Signature: <u>Wang Ruolin</u>	

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LEGAL NAME OF ASSIGNOR WEI,Zhao Assignor: _____ Date: 11/14/2019 Signature: <u>Wei Zhao</u>	

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LEGAL NAME OF ASSIGNOR

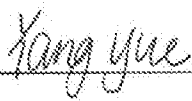
Assignor: SUN, Wenjuan Date: 11/14/2019

Signature: *Sun Wenjuan*

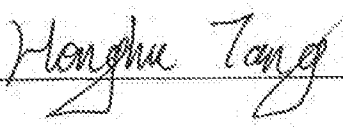
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LEGAL NAME OF ASSIGNOR	
Assignor: _____	WANG, LI
Date: _____	11/14/2019
Signature: _____	Wang, Li

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LEGAL NAME OF ASSIGNOR	
Assignor: _____	YANG, Yue
Date: _____	11/14/2019
Signature: _____	

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LEGAL NAME OF ASSIGNOR	
Assignor: _____	TANG, Honghu
Date: _____	11/14/2019
Signature: _____	

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LEGAL NAME OF ASSIGNOR

Assignor: ZHANG, Qingpeng Date: 11/14/2019

Signature: Zhang Qing peng

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Attorney Docket Number	WK19-XJS-ZNDX-US-1782
Title of Invention	SLOW-RELEASE INHIBITOR FOR HIGH-MAGNESIUM SULFIDE MINERAL FLOTATION AND APPLICATION THEREOF
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. Central South University WHEREAS, having a postal address of No.932, Lushan South Road, Yuelu District, Changsha , Hunan, China (referred to 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 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. 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 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: _____	Date: 11/14/2019
Signature: 