PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5461709

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENHUA CHEN	05/29/2018
GUANYE WU	05/29/2018
JING HOU	05/29/2018

RECEIVING PARTY DATA

Name:	POWERCHINA HUADONG ENGINEERING CORPORATION LIMITED
Street Address:	NO.22, CHAOWANG ROAD, XIACHENG DISTRICT
City:	HANGZHOU , ZHEJIANG
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16028350

CORRESPONDENCE DATA

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Correspondent Name: TONY HOM Address Line 1: 81 70TH ST

Address Line 4: BROOKLYN, NEW YORK 11209

ATTORNEY DOCKET NUMBER:	WK18-YXJ-HDDJ-US-775
NAME OF SUBMITTER:	TONY HOM
SIGNATURE:	/Tony Hom/
DATE SIGNED:	04/07/2019

Total Attachments: 3

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PATENT 505414919 REEL: 048812 FRAME: 0619

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

Attorney Oocket Jumber	WK18-YXJ-HDDJ-US-775			
itle of nvention	DEVICE FOR SOFT SOIL FOUNDATION TREATMENT BY MEANS OF VACUUM-MEMBRANE-FREE VACUUM PRELOADING AND TREATMENT METHOD			
WHEREAS nvention in	. I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.			
WHEREAS	PowerChina Huadong Engineering Corporation Limited			
naving a po	ostal address of NO.22, Chaowang Road, Xiacheng District, Hangzhou City, Zhejiang 310014			
referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;			
NO ASSIGNOI said inven	W. THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, 3, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion and application throughout the United States of America, including any and all patents granted on any intinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or tal examination thereot.			
prosecution additional « further con communica ASSIGNOI be required	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, in and maintenance of said application or any other patent applications in the United States for said invention, including to documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without sideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and side to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within all to assign or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may at of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent of ASSIGNOR is instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's cutors, administrators and other legal representatives.			
AS referred to use and be which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole shoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for a patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment of been made.			
	SIGNOR authorizes Practitioners associated with the Customer Number 133,035 to insert or complete any information ument needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same			
LEGAL	NAME OF ASSIGNOR			
Assigno	CHEN,Wenhua 05/29/2018			
Signatu	e:Chenwenhua			

PAGE 1 OF 3

ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION Attorney WK18-YXJ-HDDJ-US-775 Docket Number DEVICE FOR SOFT SOIL FOUNDATION TREATMENT BY MEANS OF VACUUM-MEMBRANE-FREE Title of Invention VACUUM PRELOADING AND TREATMENT METHOD 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. PowerChina Huadong Engineering Corporation Limited WHEREAS, having a postal address of NO.22, Chaowang Road, Xiacheng District, Hangzhou City, Zhejiang 310014 (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 filling. 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

PAGE 2 OF 3

WU,Guanye

Wa Guerye

Assignor:

Signature:

05/29/2018

Date:

ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION Allomey WK18-YXJ-H0DJ-U8-776 Ducket Number DEVICE FOR BOFT BOIL FOUNDATION TREATMENT BY MEANS OF VACUUM-MEMBRANE-FREE Title of toyention VACUUM PRELOADING AND TREATMENT METHOD WHEREAS, I believe that I am the original inventor or an original joint inventor (relened to as ASSIGNOR below) of a claimed invention in the application identified by the title above. PowerChina Hundang Engineering Corporation Limited WHEREAS. having a postal address of NO.22, Chaowang Road, Xiacheng District, Hangzhou City, Zhejlang 310014 (referred to as ASSIONET 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 these self, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to assign 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, whather granted in an initial or supplemental examination thereof. ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filling. Assument ligitary agrees to execute any occurrence that replications in the United States for said invention, including 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 sale use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full and 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.

PAGE 3 OF 3

HOU,Jing

LEGAL NAME OF ASSIGNOR

Assignor.

Signature:

RECORDED: 04/07/2019

REEL: 048812 FRAME: 0622

PATENT

05/29/2018

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